Tanasijevich, Rudy

From:

Tanasijevich, Rudy

Sent:

Thursday, September 25, 2014 2:14 PM

To:

'd.baker40@aol.com'

Cc:

'cag_cd@annistoncag.org'

Subject:

ICs One Page Information Sheet

Attachments:

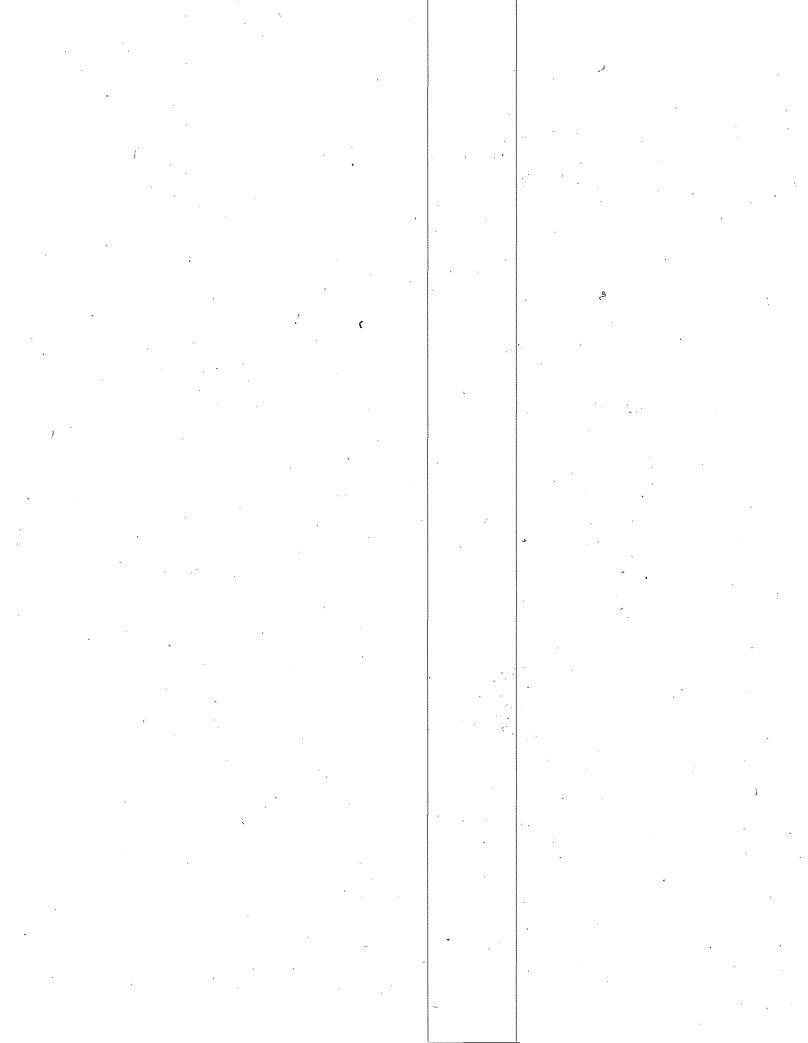
Anniston Baker ICs 1Page Fact sheet.docx

Hey David:

I put this together, since I thought it might be helpful to the CAG and the community members interested in Institutional Control issues.

Take care.

Rudy Tanasijevich U.S. EPA, Region 4 Senior Attorney



What are ICs and how could they be used at the Anniston PCB and Anniston Lead.Sites

- -ICs are various locally enforced or suggested restrictions (*on paper*) that explain, in part, how a piece of property or natural resource can or cannot be used since some amount of contamination that poses a risk is left in place at a Superfund site.
- -ICs are the non-physical/non-engineered controls that limit or restrict how property or a natural resource can be used in order to 1) minimize or eliminate the possibility for human exposure to contamination and/or to 2) protect the performance of the selected Superfund cleanup remedy.
- -There are four main types of ICs:

<u>proprietary controls</u> which are often easements, restrictive covenants or deed restrictions that are real/legal property interests that are listed on the deed to the land. These controls <u>need the private landowner's consent</u> for such restrictions. (State statute/common law are the authority for such controls).

governmental controls often involve local zoning, ordinances and permits. These non-Federal authorities are based on state sanctioned police powers to regulate different land use activities.

<u>informational devices</u> are typically general deed notices, state registries or state advisories that are nonenforceable, non-real property interests that are set up through the state police powers. These devices are controlled by local recording statutes and can often be easily changed or removed.

<u>informal notices</u> are non-enforceable informational tools such as GIS systems, websites, databases, mailings, outreach activities and public meetings that can provide information about the Superfund cleanup activities.

- -<u>ICs are not needed</u> for property that is either 1) not contaminated or 2) that has been cleaned up to EPA standards under an EPA settlement at a designated Superfund site. (Many of the Anniston properties fall into these categories).
- -ICs are developed on a site-specific basis to address the specific conditions at a particular Superfund site.
- -After development, ICs need to be implemented, managed and enforced by local entities such as the city, the county, some other division of local government or a qualified third party. EPA does not have any unilateral/independent authority to enforce ICs at Superfund sites.
- -At large, complex Superfund sites covering several cities and counties, extensive communication, coordination and agreement between property owners and local governments are needed to successfully design, implement manage and enforce an ICs program.
- -Unanimous consent from all individual property owners and support from all of the governmental entities involved are needed to have a comprehensive, effective ICs program over the long term.
- -Properties that may need some type of ICs at the Anniston Sites include:
 - -properties sampled and cleaned up, except for areas under gardens, certain landscaping, drip lines and permanent structures
 - -properties sampled and cleaned up, but still contain greater than 400 ppm Lead at 2 feet below ground surface, greater than 1 ppm PCBs and less than 10 ppm PCBs below 1 foot below ground surface
 - -known contaminated properties that still need to be cleaned up pursuant to existing EPA settlements



Tanasijevich, Rudy

From:

Tanasijevich, Rudy

Sent:

Thursday, September 25, 2014 4:17 PM

To:

'd.baker40@aol.com'

Cc:

'cag_cd@annistoncag.org'

Subject:

Letter regarding September CAG meeting

September 25, 2014

David Baker Community Advisory Group For The Consent Decree 1812 Wilmer Avenue, Suite B Anniston, AL 36201

RE:

September 2014 Anniston CAG Meeting

Dear David:

Thank you for letting me talk at the Community Advisory Group meeting last week and thank you for talking with me for a few minutes after the meeting. Also, thank you for being understanding and listening to my comments that things at the meeting seemed dysfunctional and that I think you need to take a more active role in managing the CAG meetings and in identifying and prioritizing the Site issues that are most important to the CAG and the community. I was sincere when I said that you have an incredible ability to bring people together and to get the attention of senior managers within the U.S. Environmental Protection Agency, Congress and the Court. I have not seen anyone in my 22 plus years at EPA that has had the success and opportunities that you have had in gaining access to such individuals. I think you are a very dedicated, friendly person and that you definitely have the best interests of the Anniston community as your number one priority.

Like I said, as a newer person to the Anniston Superfund process, I may not know all of the facts, issues, arguments and struggles that the CAG, the community, EPA and S/P have had over the years, but I have enough knowledge and experience to see that things could be working better or more effectively. To accomplish that, I think you could more actively control the CAG meetings to recognize and defend the efforts and successes of all parties and to try to minimize the personal attacks that seem to be frequently raised by commenters. I am not saying don't let the CAG or the community express their opinions, concerns and frustrations, but when those comments cross the line to question EPA's or S/Ps' commitment to the process or the Anniston community, you should use your good judgment and step in and explain why that is not the case and express support for the efforts of individuals and the cleanup activities conducted to date.

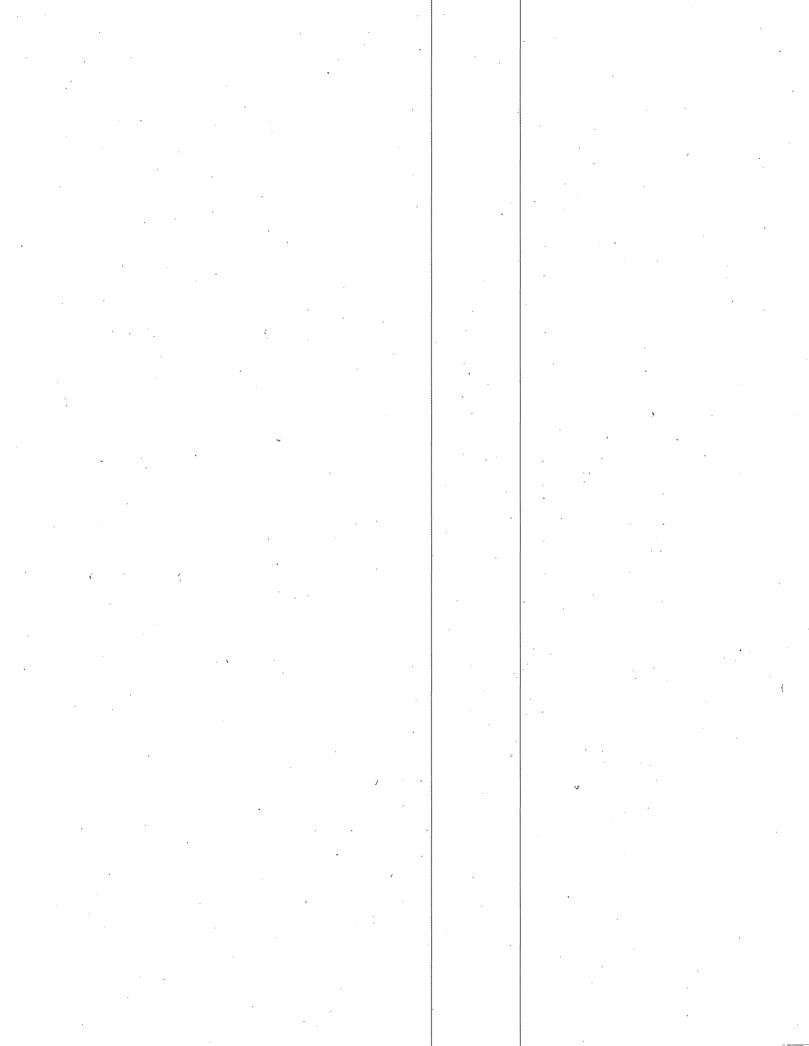
The countless hours that Pam and Gayle in particular have spent over the past 10 plus years at the CAG meetings shows a tremendous level of commitment that demonstrates how much they care about the community and the cleanup process. This goes well beyond just being part of their job requirements. Then, to have Mr. Frazier suggest at the end of the meeting that Pam is disrespectful and biased, to hear Mr. Rudolph suggest racial bias and make some confusing comparison between the Anniston cleanup and the Ferguson, Missouri case or to hear Dr. Huguley say I don't care about Anniston because I don't live there and this is just

my job, is just not right. I think those comments are instances where you could play an important role by acknowledging the commenters concerns, but then defending the important contributions that Pam and Gayle and others have made to the Anniston community and the cleanup process over the years and to say that such negative comments do not have a place in this process. Silently letting those comments stand encourages more such comments and leads to further distrust and misconceptions towards EPA within the community. Such comments simply do not do anything to advance the common goals that we all hope to achieve for the Anniston community.

I also mentioned that I think it would be a good idea to identify a few particular issues that are top priorities that the CAG and the community would like input on addressing. ICs are one reoccurring topic, which is a good one. But, to focus on saying Anniston needs a Bunker Hill, Idaho type IC program is not realistic or necessary for the type of cleanup that is going on in Anniston. I think it would be more effective to say that ICs, where needed because contamination that may pose a health risk is left on Site, are a priority issue for the community. Moreover, absent having certain ICs in place, you are concerned about the potential for recontamination of adjacent properties or the exposure to young kids when abandoned homes are torn down and the exposed soil potentially contains elevated levels of PCBs or lead. How can the CAG most effectively provide input on and address this issue? I would suggest that we could work more closely together to involve the local governments to see what systems are in place or what new systems could be developed to help identify properties with potential risks that might need some type of attention through an IC mechanism.

Another issue that seems to be important for a few CAG members and some of the community representatives at the meeting is how to better provide information to the community about certain cleanup accomplishments or future planned investigations and cleanup work. Councilman Reddick stated that Anniston residents don't come to the meetings, they don't read websites, newspapers or environmental literature, but they watch television and/or listen to the radio. Thus, he suggested that EPA or S/P prepare television or radio ads to get the word out about the successes in Anniston. I think a commercial or advertisement made by EPA or S/P that tells what they have done and how great things are in Anniston may not be so well received in the community. Again, I think this falls back on your leadership of the CAG to get the word out initially and then EPA and S/P could provide help or assistance in explaining some of the more complicated issues or technical aspects of the past work and planned future Site activities. Maybe we could help write a fact sheet or letter that the CAG could send out under its letterhead to residents, churches or other community organizations. That way it would probably get more attention and have more credibility within the community than an EPA or S/P issued statement or commercial.

I also think that every issue or miscommunication does not have to turn into a lengthy debate or disagreement. It feels like the CAG meetings are often sessions for the CAG and the community to attack or be adversarial with EPA and S/P. That is not productive or helpful to the process. For example, last Monday Ms. Carter's comment that the property demolition information EPA and S/P provided was incomplete or needed further explanation or clarification. That seemed like a simple issue to address. Instead, it turned into a lengthy discussion on why can't EPA give the CAG what it asks for, which then led to Dr. Huguley's comment that EPA and S/P seem so calm and unconcerned with the issues facing the Anniston community. I think it is important to keep in mind that some of these requests involve information that EPA or S/P have to obtain from outside sources (which the CAG could also request from those sources on its own). EPA and S/P then take that information and either directly provide it to the CAG or take that information and create new documents to provide to the CAG. Sometimes information is unintentionally left out or is not included perhaps because of the differences in the technical understanding of the issue between EPA-S/P and the CAG-community. On similar issues in the future, please try to simply ask for clarification without the accusations and EPA and S/P will be happy to provide the CAG with the requested information.



The CAG and the community should understand that respect and consideration of effort goes both ways. For example, a couple of months ago Ms. Carter specifically requested and scheduled an ICs meeting which Pam and I attended in Anniston. A couple of other CAG members were there, but Ms. Carter never showed up or never called to say she could not attend. Obviously that was frustrating and we spent a half day traveling to Anniston from Atlanta for a meeting which she requested, but did not attend. EPA did not call her out or accuse her of any bad intentions, but simply carried on.

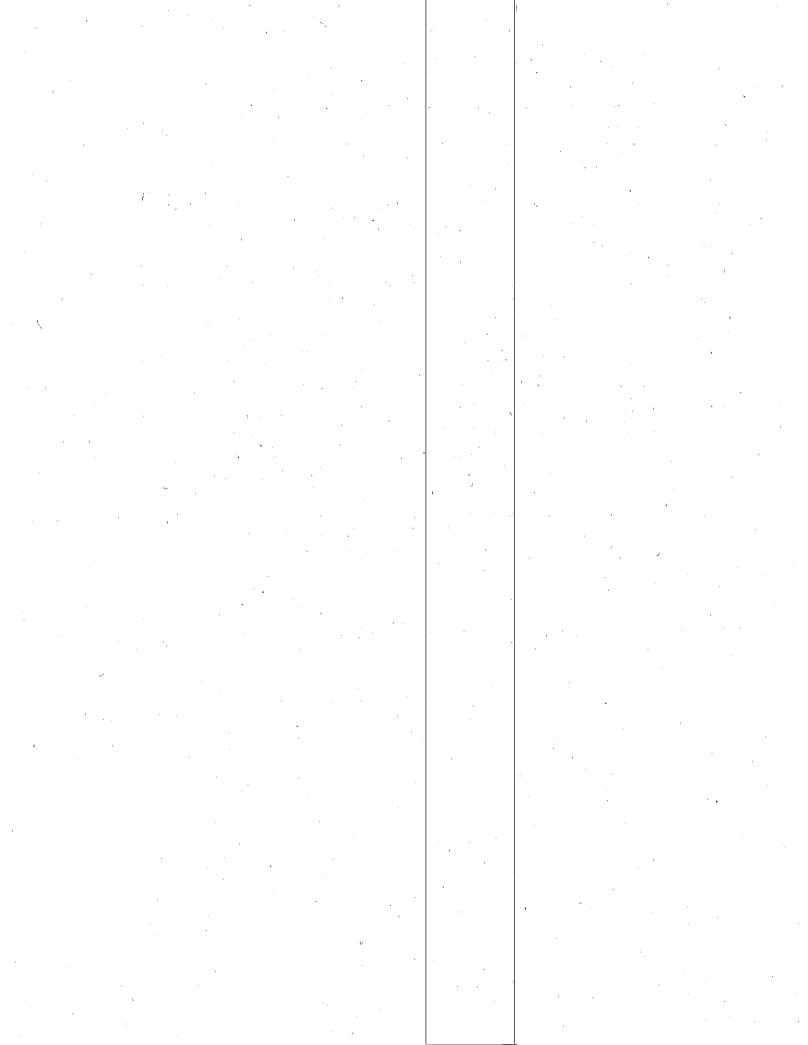
I know you understand there are limits to what EPA can do in the community or legally require S/P to do under CERCLA. But, that does not mean we cannot work together to identify and try to accomplish other objectives of the CAG and the community to make the cleanup process more successful. Again, you play a very important role in helping us communicate to the CAG and the community that some issues are just not EPA's responsibility. For example, Mr. Rudolph's comments about being so upset by the deal that the City and some developers reached on purchasing some property for the new trail system. It would have been helpful for you to step in and say, I understand your frustration with what happened, but that seems to be more of an issue with the City and not with EPA. Instead, your silence led many to believe that EPA was somehow involved with facilitating that deal and supported a bunch of "white developers" which led to Mr. Rudolph's Ferguson, Missouri, comment, which I thought was totally inappropriate.

If you and the CAG are the main source of information and points of contact for the community, and you and the CAG do not correct the type of misstatements noted in this letter, that supports the impression that EPA and S/P don't care or that they are not concerned with what happens in Anniston. That is simply not the case. Pam and I work for EPA because we do care and we want to make a difference in impacted communities, and I know Gayle feels the same way about her position. That would be like me saying your funeral director position is just a job, just a paycheck, and that you don't care about all of the people that have passed away that you have cared for and that you are not concerned for the families that have been impacted by your help. I am sure you would be both angry and hurt by such comments, because that is not true, you do care and it is not just your job.

Sorry my comments are so lengthy, but I felt compelled to write something to you to express my concern and frustration, as well as my hope that we can work together to more effectively identify, manage and address the issues impacting the Anniston community.

Sincerely,

Rudolph C. Tanasijevich U.S. EPA, Region 4 Associate Regional Counsel



Tanasijevich, Rudy

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From:	Tanasijevich, Rudy	•		,	
Sent:	Monday, September 29,	2014 9:48 AM		•	
To:	'Community Advisory G				
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Subject:	RE: ICs One Page Inform	iation Sheet		*	
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-Rudy T.					
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From: Community Advisory Gro	oup [mailto:cag_cd@annist	toncag.org]		•	
Sent: Friday, September 26, 20	14 10:35 AM			•	
To: Tanasijevich, Rudy			•		
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Subject: Re: ICs One Page Infor	mation Sheet			•	
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Rudy Tanasijevich	· ·		•		•
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Cynthia Calix

Administrator

Community Advisory Group For The Consent Decree

1812 Wilmer Avenue

Suite B

Anniston, AL 36201

Voice: 256*741*1429 FAX: 256*741*3224

Website: www.annistoncag.org

Community Advisory Group (CAG) is an advisory group of citizens who exists to serve as a place for the exchange of information and input from the community in the affected area and advise those individuals and organizations charged with carrying out the actions described in the Consent Decree in an effective and well-managed manner.

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From:

Shirley Carter <msabccarter@yahoo.com>

Sent:

Saturday, March 02, 2013 4:51 PM

To:

Scully, Pam

Subject:

air sample results

Follow Up Flag:

Follow up

Flag Status:

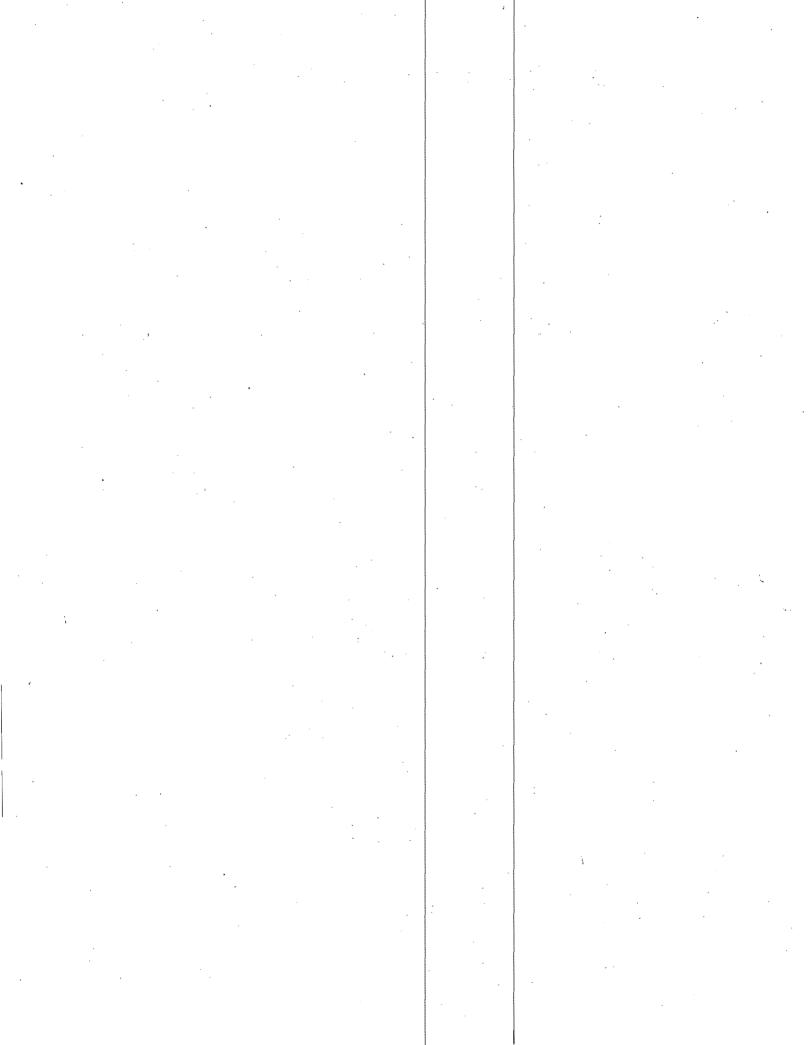
Completed

Pam

Can you send me a copy of the recent results and the ones that was previously done in or around 2002.

Thanks

Shirley



From:

Cynthia Calix <ccalix@annistoncag.org>

Sent:

Monday, March 04, 2013 11:37 AM

To:

cag_cd@annistoncag.org

Subject:

Proposed Agenda for March 18 2013 CAG Meeting

Attachments:

CAG_Agenda_for March 2013.pdf

Follow Up Flag: Flag Status: Follow up Completed

Good Morning,

Agenda is attached.

Thanks

"To the world you might be one person, but to one person you might be the world." - -

Cynthia Calix

Administrator
Community Advisory Group For The Consent Decree
PO Box 487
Anniston, AL 36202
256*741*1429
ccalix@annistoncag.org
cag_cd@annistoncag.org

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Community Advisory Group

for the Consent Decree

David Baker

Community Against Pollution CAG-CD Chairman

James Hall

West Anniston Resident CAG-CD Vice Chairman

Maudine Holloway

West Anniston Resident CAG-CD Secretary

Kay Beard

West Anniston Resident CAG-CD Treasurer

Charity Richey-Bentley

Northeast Alabama Center for Community Initiatives

Dr. Barbara Boyd

West Anniston Resident

Shirley Carter

Mothers and Daughters Protecting Children's Health

Elaine Emory

West Anniston Resident

Richard Franke

Logan Martin Lake Protection Assoc.

Mary Johnson

Oxford Resident

Robert A. Pyles

Hobson City Resident

•

Isabella Trussell Logan Martin Lake Protection Assoc.

Frank Chitwood

Altemate

Dr. N. Q. Reynolds

Emeritus Member

IN MEMORIAM

Andrew Bowie

West Anniston Resident

AGENDA

18 March 2013 Carver Community Center 720 West 14th Street Anniston, AL 36201 5:30 P.M.

- 1. Call to Order
- 2. Invocation
- 3. Approval of Today's Agenda and Minutes from January Meeting
- 4. Financial Report
- 5. Updates
 - Anniston Community Education Foundation
 - CAG Chairperson
- Institutional Controls Committee
 - M Shirley Carter
- 🕮 EPA

7.

- Pam Scully
- Solutia
 - Gayle Macolly
- Technical Advisor
 Bertrand Thomas

Next Meeting Date: July 15, 2013 Place TBD

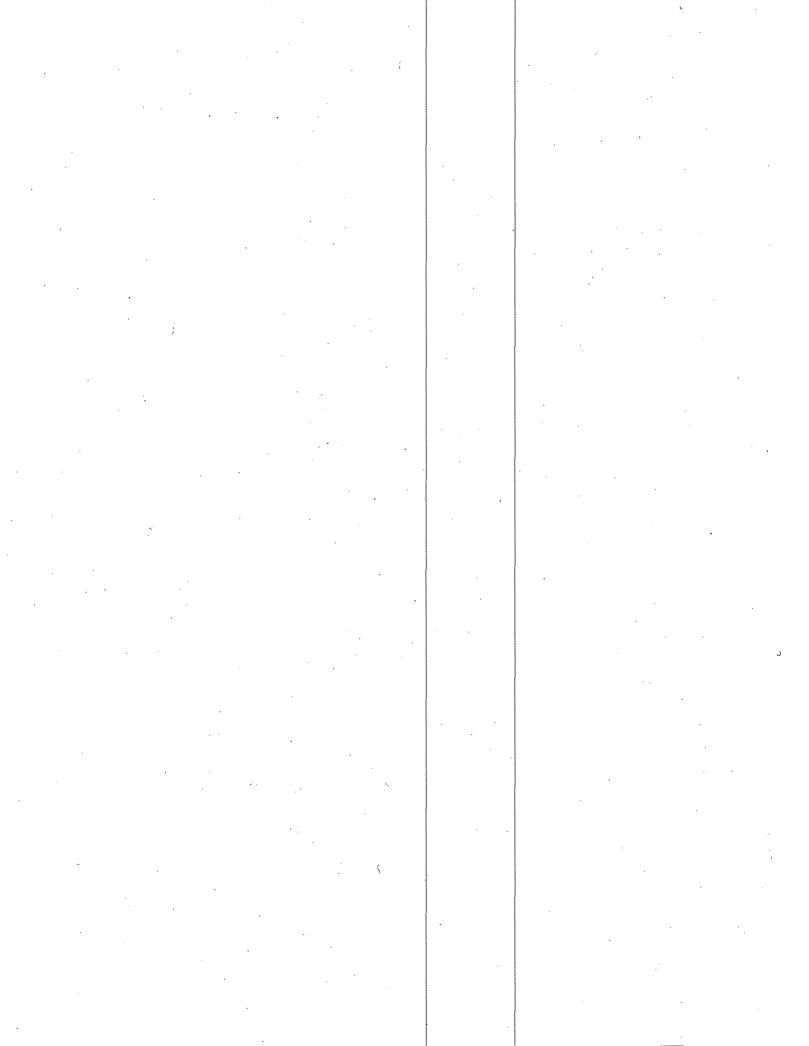
Community Comments and Questions

Adjourn

1812 Wilmer Ave., Suite B~ Anniston, Alabama 36201

Tel: (256) 741-1429

, Website: www.annistoncag.org



From:

Scully, Pam -

Sent:

Tuesday, March 05, 2013 6:38 AM

To:

Shirley Carter

Subject:

RE: air sample results

Follow Up Flag:

Flag for follow up

Flag Status:

Completed

Shirley,

I haven't gotten the report yet.

Pam

Pamela J. Langston Scully, P.E. U.S. Environmental Protection Agency 61 Forsyth Street, SW Atlanta. Georgia 30303 scully.pam@epa.gov Office: 404-562-8935

Cell: 404-661-7378

From: Shirley Carter [mailto:msabccarter@yahoo.com]

Sent: Saturday, March 02, 2013 4:51 PM

To: Scully, Pam

Subject: air sample results

Pam

Can you send me a copy of the recent results and the ones that was previously done in or around 2002.

Thanks Shirley



From:

Shirley Carter <msabccarter@yahoo.com>

Sent:

Monday, March 11, 2013 12:01 PM

To:

Scully, Pam

Subject:

air samples

Follow Up Flag:

Follow up

Flag Status:

Completed

You gave a report that there was preliminary data that EPA has reviewed and it was similiar to the previously collected data. Can i have a copy of that or do i need to request that from EPA under FOIA. As a community person with concerns I would like to have the data for comparison. Would also like to know where the samplings was done. I have not attended a CAG meeting lately due to recovering from an illness but hopefully will be there this CAG meeting.

Thanks

Shirley

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From:

Scully, Pam

Sent:

Monday, March 11, 2013 12:09 PM

To: Subject: Shirley Carter RE: air samples

Follow Up Flag:

Follow up

Flag Status:

Completed

Shirley,

I cannot release data until it is validated. I hope to get the data report with map of locations before the CAG meeting. When I have it I will give you a copy. FOIA won't release un-validated data. I will ask our risk assessment folks and ATSDR to review the data and tell the community what it means. I really and trying to get you the information. I hope you are feeling better, and I hope to see you next Monday.

Pam

Pamela J. Langston Scully, P.E. U.S. Environmental Protection Agency 61 Forsyth Street, SW Atlanta. Georgia 30303 scully.pam@epa.gov Office: 404-562-8935

Cell: 404-661-7378

From: Shirley Carter [mailto:msabccarter@yahoo.com]

Sent: Monday, March 11, 2013 12:01 PM

To: Scully, Pam **Subject:** air samples

You gave a report that there was preliminary data that EPA has reviewed and it was similar to the previously collected data. Can I have a copy of that or do I need to request that from EPA under FOIA. As a community person with concerns I would like to have the data for comparison. Would also like to know where the samplings was done. I have not attended a CAG meeting lately due to recovering from an illness but hopefully will be there this CAG meeting.

Thanks Shirley

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From:

Scully, Pam

Sent:

Friday, March 15, 2013 11:45 AM

To:

Shirley Carter, Gayle Macolly, Cynthia Calix, bertrandthomas10@comcast.net

Subject:

Air Sampling Report

Attachments:

REPORT Anniston 2012 PCB Air Study.pdf

Follow Up Flag:

Follow up

Flag Status:

Completed

All

I am sending you all a copy of the air sampling report for samples collected in October 2012. I am not asking for your comments on this report.

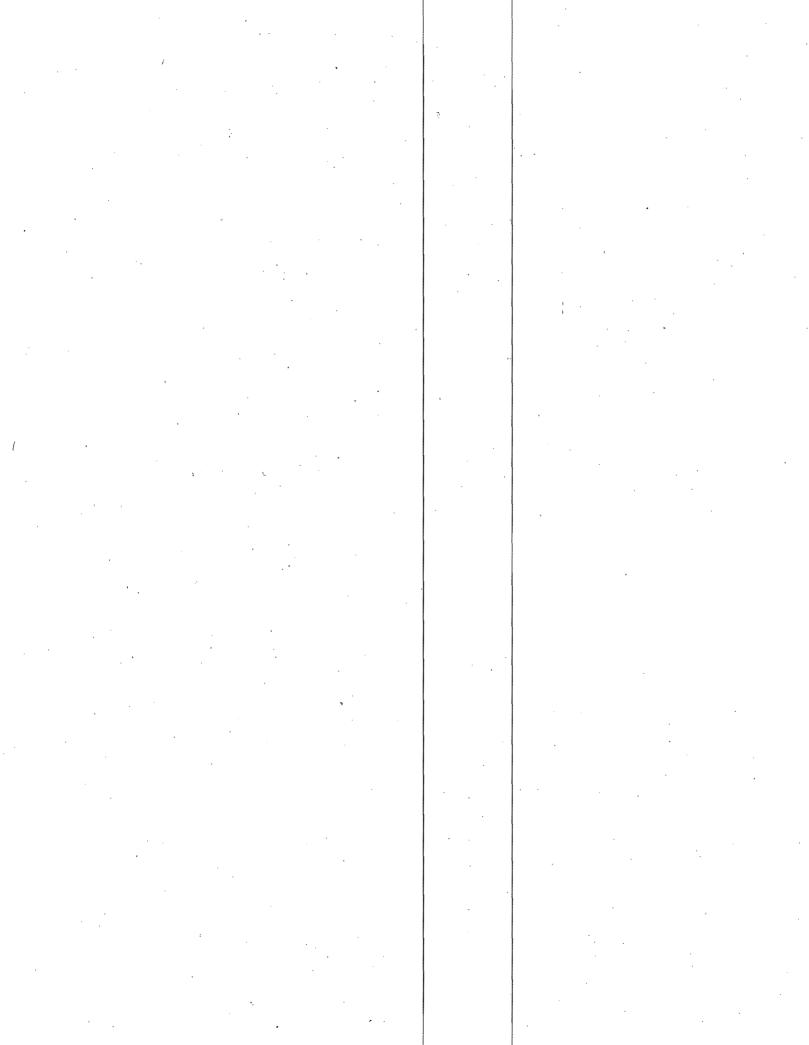
The data have been validated. I wanted to release the data to you because you or others may have requested this data. The data will not change.

I have sent the data to ATSDR, and there will be information forthcoming from EPA's toxicologist about what the data means as far as EPA is concerned.

Pam

Pamela J. Langston Scully, P.E. U.S. Environmental Protection Agency 61 Forsyth Street, SW Atlanta. Georgia 30303 scully.pam@epa.gov Office: 404-562-8935

Cell: 404-661-7378



From:

Community Advisory Group <cag_cd@annistoncag.org>

Sent:

Tuesday, April 30, 2013 2:53 PM

To:

Cynthia Calix; CAG CD

Subject:

Proposed Agenda for May 2013 Meeting CAG_Agenda_for May 2013 proposed.doc

Follow Up Flag:

Attachments:

Follow up

Flag Status:

Completed

Cynthia Calix

Administrator
Community Advisory Group For The Consent Decree
P.O. Box 487
Anniston, AL 36202
256*741*1429
Website * www.annistoncag.org

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Community Advisory Group

for the Consent Decree

David Baker

Community Against Pollution CAG-CD Chairman

Maudine Holloway

West Anniston Resident **CAG-CD Secretary**

Kay Beard

West Anniston Resident **CAG-CD Treasurer**

Charity Richey-Bentley

Northeast Alabama Center for Community Initiatives

Dr. Barbara Boyd

West Anniston Resident

Shirley Carter

Mothers and Daughters Protecting Children's Health

Elaine Emory

West Anniston Resident

Richard Franke

Logan Martin Lake Protection Assoc.

Walter Frazier

Oxford Resident

Mary Johnson

Oxford Resident

Robert A. Pyles

Hobson City Resident

Isabella Trussell

Logan Martin Lake Protection Assoc.

Frank Chitwood

Alternate

Dr. N. Q. Reynolds

Emeritus Member

IN MEMORIAM

James Hall

Andrew Bowie

West Anniston Resident

20 May 2013

Carver Community Center 720 West 14th Street Anniston, AL 36201

- 5:30 P.M.
- 1. Call to Order
- 2. Invocation
- Approval of Today's Agenda and Minutes 3. from March Meeting
- Financial Report 4.
- **Updates**
 - - Pam Scully
 - Solutia
 - Gayle Macolly
 - Technical Advisor
 - Bertrand Thomas
 - Institutional Controls Committee
 - Shirley Carter
 - CAG Chairperson
 - David Baker

Community Comments and Questions

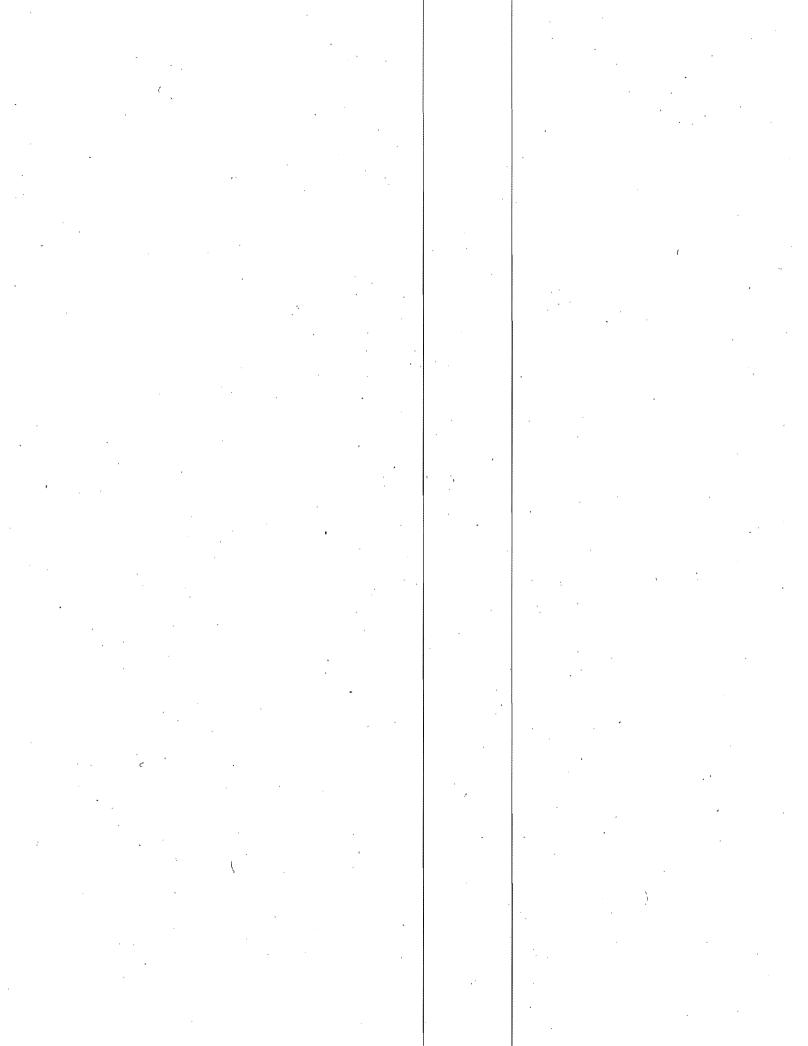
Next Meeting Date: July 15, 2013 Place TBD

Adjourn

1812 Wilmer Ave., Suite B~ Anniston, Alabama 36201

Tel: (256) 741-1429

Website: www.annistoncag.org



From:

Shirley Carter <msabccarter@yahoo.com>

Sent:

Sunday, June 09, 2013 7:04 PM

To:

Scully, Pam

Subject:

cold water bike trail

Follow Up Flag:

Follow up

Flag Status:

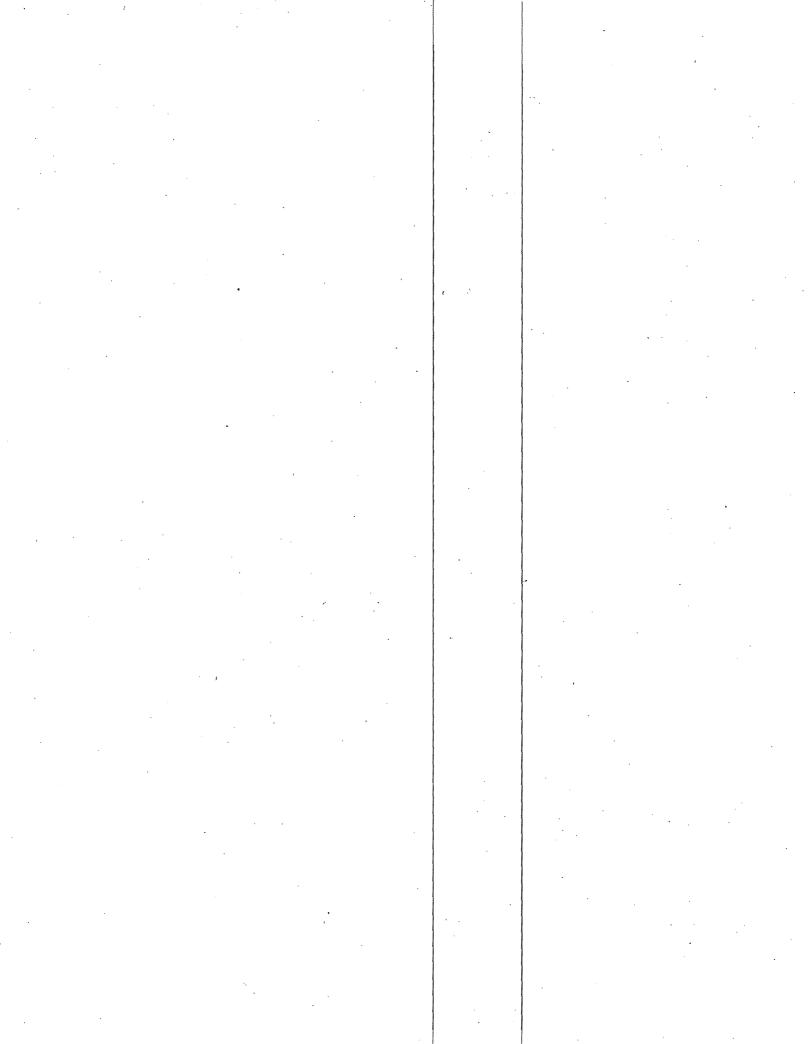
Completed

Pam

Has there been testing of the soil on the cold water bike trail? If so where can we get the results

Thanks

Shirley



From:

Community Advisory Group <cag_cd@annistoncag.org>

Sent:

Monday, July 08, 2013 8:21 AM

To:

CAG CD

Subject:

CAG Proposed Agenda

Attachments:

CAG_Agenda_for July 2013.docx

Follow Up Flag:

Follow up

Flag Status:

Completed

Good Morning,

CAG meeting agenda is attached.

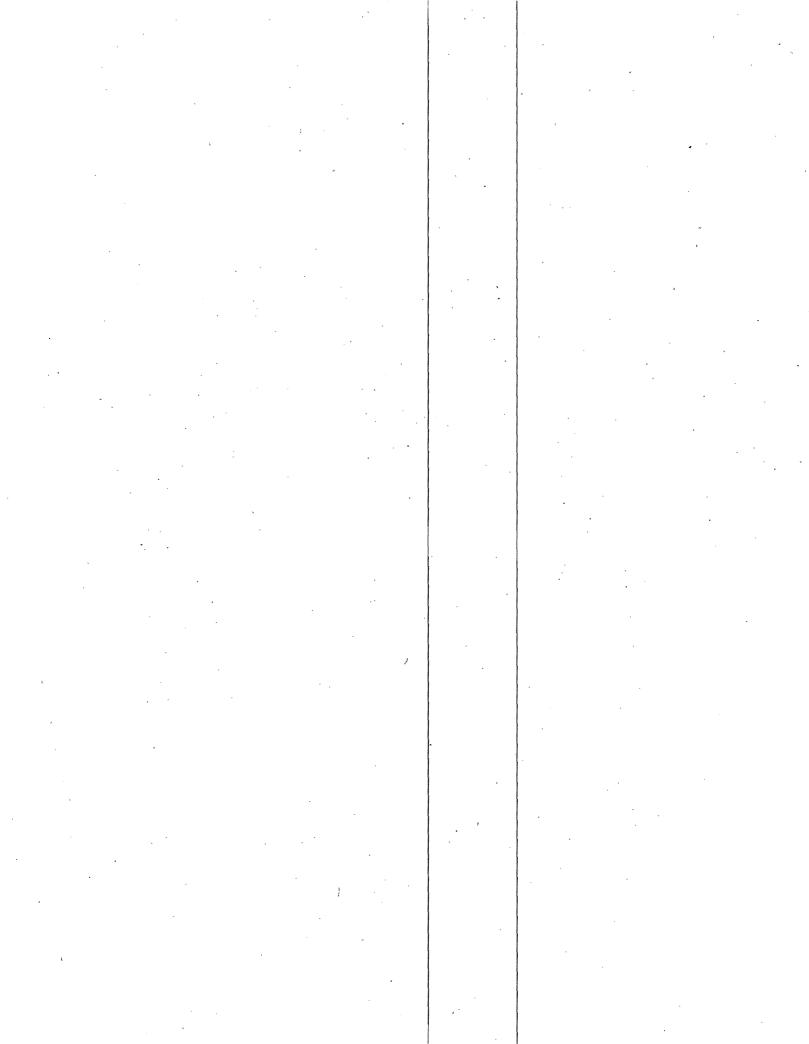
Have a great day!

Cynthia Calix

Administrator
Community Advisory Group For The Consent Decree
P.O. Box 487
Anniston, AL 36202
256*741*1429
Website * www.annistoncag.org

CAG is an advisory group of citizens who exists to serve as a place for the exchange of information and input from the community in the affected area and advise those individuals and organizations charged with carrying out the actions described in the Consent Decree in an effective and well-managed manner.

This electronic mail message is intended exclusively for the individual or entity to which it is addressed. This message, together with any attachment, may contain Community Advisory Group For The Consent Decree privileged information. The recipient is hereby put on notice to treat the information as confidential and privileged and to not disclose or use the information except as authorized by Community Advisory Group. Any unauthorized review, printing, retention, copying, disclosure, distribution, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited. If you received this message in error, please immediately contact the sender by reply email and delete all copies of the material from any computer. Thank you for your cooperation.





Community Advisory Group

for the Consent Decree

David Baker

Community Against Pollution CAG-CD Chairman

Maudine Holloway

West Anniston Resident CAG-CD Secretary

Kay Beard

West Anniston Resident CAG-CD Treasurer

Charity Richey-Bentley

Northeast Alabama Center for Community Initiatives

Dr. Barbara Boyd

West Anniston Resident

Shirley Carter

Mothers and Daughters Protecting Children's Health

Elaine Emory

West Anniston Resident

Richard Franke

Logan Martin Lake Protection Assoc.

Walter Frazier

Oxford Resident

Mary Johnson

Oxford Resident

Robert A. Pyles

Hobson City Resident

Isabella Trussell

Logan Martin Lake Protection Assoc.

Frank Chitwood

Alternate

IN MEMORIAM

Andrew Bowie

West Anniston Resident

Dr. N. Q. Reynolds

James Hall

AGENDA

15 July 2013

Carver Community Center 720 West 14th Street Anniston, AL 36201 5:30 P.M.

- 1. Call to Order
- 2. Invocation
- 3. Approval of Today's Agenda and Minutes from May Meeting
- 4. Financial Report
- 5 Updates
 - IØ FP∆
 - Pam Scully
 - Solutia
 - Gayle Macolly
 - Technical Advisor
 - Bertrand Thomas
 - Institutional Controls Committee
 - Shirley Carter
 - CAG Chairperson
 - David Baker

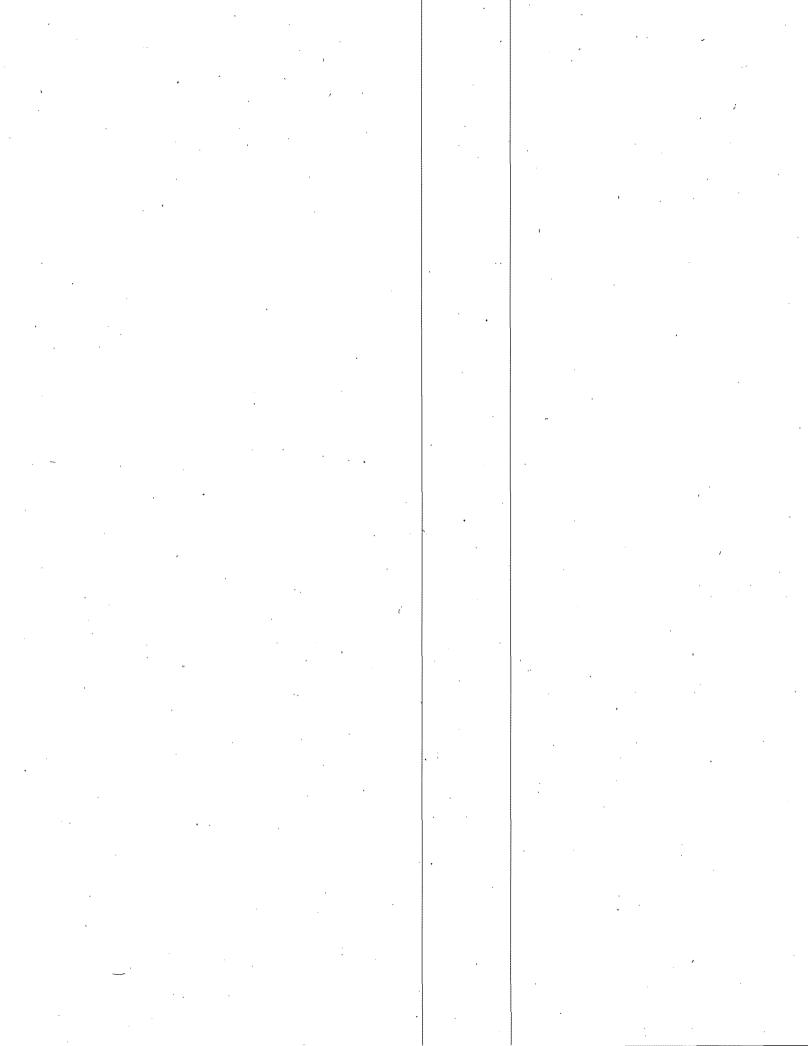
6. Community Comments and Questions

Next Meeting Date: September 23, 2013
Place TBD

Adjourn

1812 Wilmer Ave., Suite B~ Anniston, Alabama 36201

Tel: (256) 741-1429 Website: www.annistoncag.org



From:

Cindy <ccalix@annistoncag.org>

Sent:

Tuesday, September 03, 2013 5:00 PM

To:

Scully, Pam

Subject:

CAG Meeting Reminder

Follow Up Flag:

Flag Status:

Follow up

Completed



Community Advisory Group Community Meeting Monday September 23, 2013 5:30 p.m. Carver Community Center, Anniston, AL

Click here for Agenda

Anniston CAG-CD Office 1812 Wilmer Avenue Suite B Anniston, AL 36201

www.annistoncag.org cag_cd@annistoncag.org

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From:

Charity M. Richey-Bentley <cmrbentley1@bellsouth.net>

Sent:

Wednesday, September 11, 2013 11:55 AM

To:

d.baker40@aol.com; babs_131@att.net; Robert Pyles; commenab@bellsouth.net;

kaybeardal; barbara.boyd@alhouse.org; bboyd@calhouncounty.org;

wavig@cableone.net; ITrussell@aol.com; robert_pyles@msn.com; msabccarter; CAG CD;

Charity M. Richey-Bentley

Cc: Subject: egmaco@solutia.com; cakirk@solutia.com; Scully, Pam Resignation from Board of Directors, CAG-CD-Anniston

Attachments:

09112013.Resignation.CAG.cmrb.doc

Follow Up Flag: Flag Status:

Follow up Completed

Please see the attached letter.

Thank you. Charity

Charity M. Richey-Bentley, BS, MPH

President and CEO

Northeast Alabama Center for Community Initiatives

Medical Arts Building

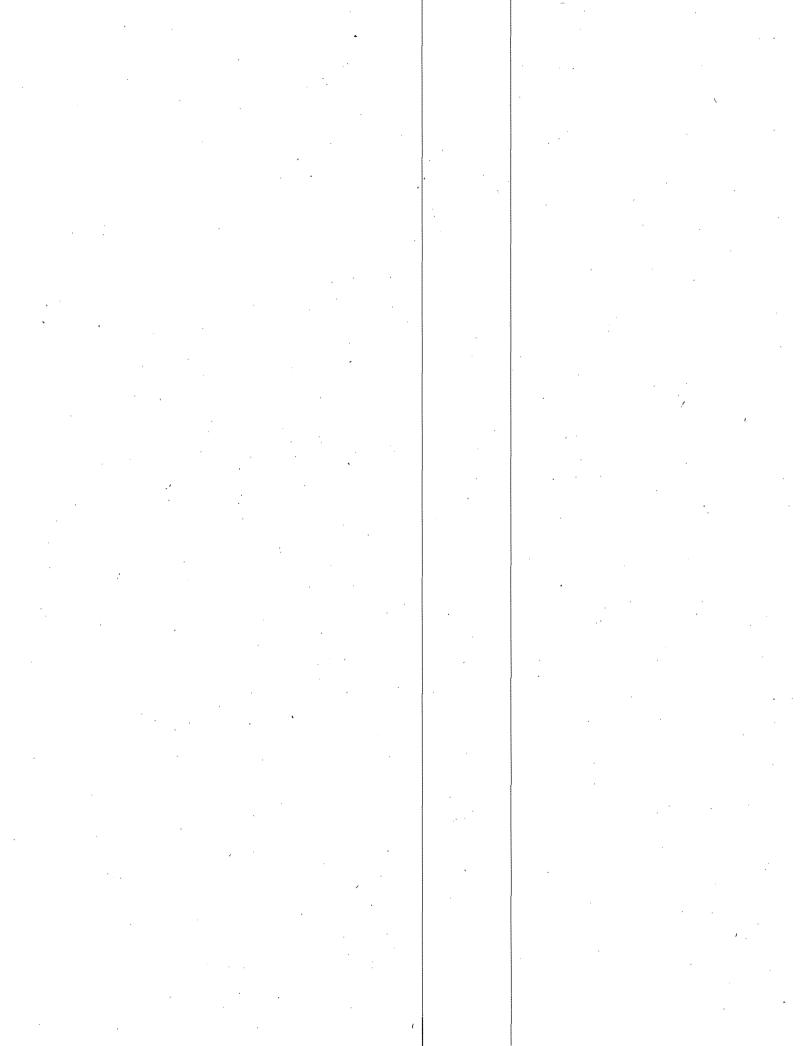
230 East 10th Street

Suite B1 (Basement)

Anniston, Alabama 36207

Voice: (256) 235-5615 FAX: (256) 237-9001

Web: www.naCENTERci.org





September 11, 2013

Mr. David Baker
Chair,
Board of Directors, Community Advisory Group for the Consent Decree (CAG-CD) – Anniston
P. O. Box 487 (<u>LETTER SENT VIA EMAIL</u>)
Anniston, Alabama 36202

RE: Resignation as Board Member for the CAG-CD - Anniston

Dear Mr. Baker:

Please accept this letter as my resignation from the CAG-CD-Anniston Board of Directors.

I would like to express my heart-felt gratitude to all Board members, Eastman representatives and EPA representatives for allowing me to serve in such an important role for our communities.

I wish you much continued success and may God continue to bless your efforts in our communities.

Sincerely,

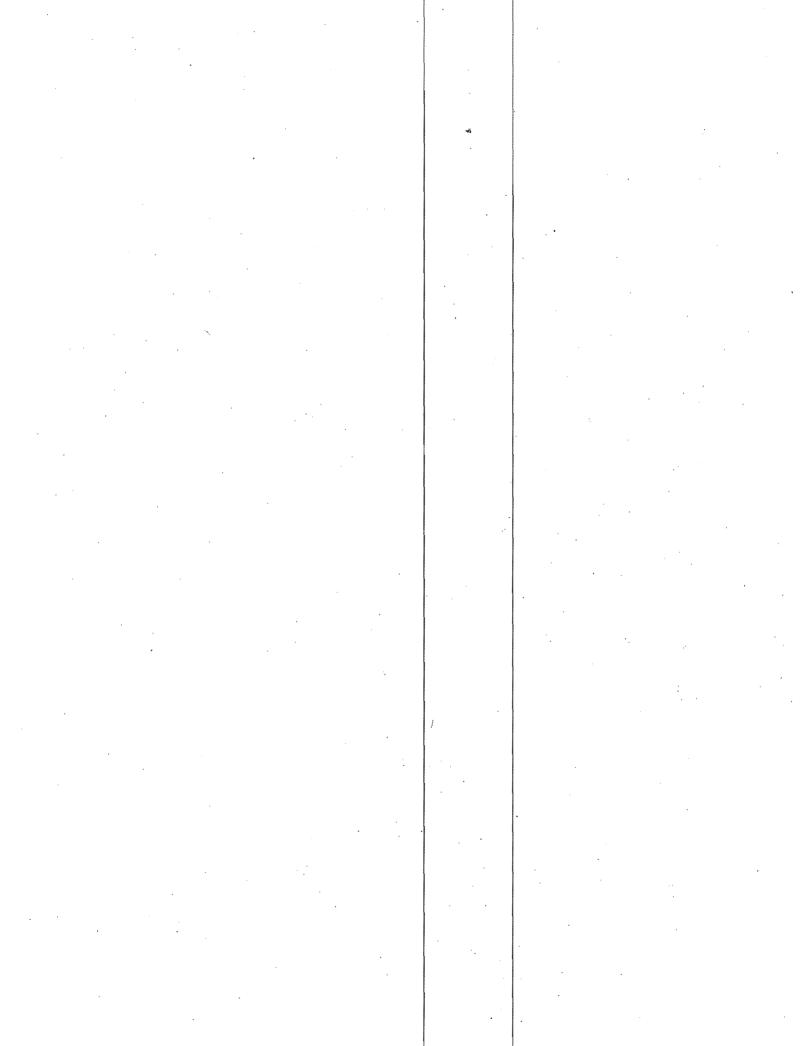
Charity M. Richey-Bentley

Charity M. Richey-Bentley President and CEO Northeast Alabama Center for Community Initiatives (NACCI)

cc: Board Members, CAG-CD – Anniston

Pam Scully, EPA

Gayle Macolly, Eastman



From:

Community Advisory Group <caq_cd@annistoncag.org>

Sent:

Monday, November 11, 2013 5:07 PM

To:

CAG CD

Subject:

Community Advisory Group Community Meeting

Attachments:

CAG Agenda for November 2013b.doc

Follow Up Flag:

Follow up

Flag Status:

Completed

Good Evening,

Proposed agenda is attached for our community meeting on November 18, 2013.

Thanks

Cynthia Calix

Administrator

Community Advisory Group For The Consent Decree

1812 Wilmer Avenue

Suite B

Anniston, AL 36201

Voice: 256*741*1429

FAX: 256*741*3224

Website: www.annistoncag.org

Community Advisory Group (CAG) is an advisory group of citizens who exists to serve as a place for the

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Community Advisory Group

for the Consent Decree

David Baker

Community Against Pollution CAG-CD Chairman

Walter Frazier

Oxford Resident CAG-CD Vice Chairpman

Maudine Holloway

West Anniston Resident CAG-CD Secretary

Kay Beard

West Anniston Resident CAG-CD Treasurer

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West Anniston Resident

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Robert A. Pyles

Hobson City Resident

Isabella Trussell

Logan Martin Lake Protection Assoc.

Frank Chitwood

Alternate

IN MEMORIAM

Andrew Bowie

West Anniston Resident

Dr. N. Q. Reynolds

James Hall

AGENDA

18 November 2013 Carver Community Center 720 West 14th Street Anniston, AL 36201 5:30 P.M.

- 1. Call to Order
- 2. Invocation
- 3. Approval of Today's Agenda and Minutes from September Meeting
- 4. Financial Report
- 5. Updates
 - EPA
 - Solutia
 - Technical Advisor
 - Institutional Controls
 - CAG Chairperson
- 6. Community Comments and Questions

Next Meeting Date: January 27, 2014

Carver Community Center

Adjourn

1812 Wilmer Ave., Suite B~ Anniston, Alabama 36201

Tel: (256) 741-1429 Website: www.annistoncag.org .

From:

Shirley Carter < msabccarter@yahoo.com>

Sent:

Tuesday, November 12, 2013 9:40 AM

To:

Scully, Pam

Subject:

clean up properties

Follow Up Flag:

Follow up

Flag Status:

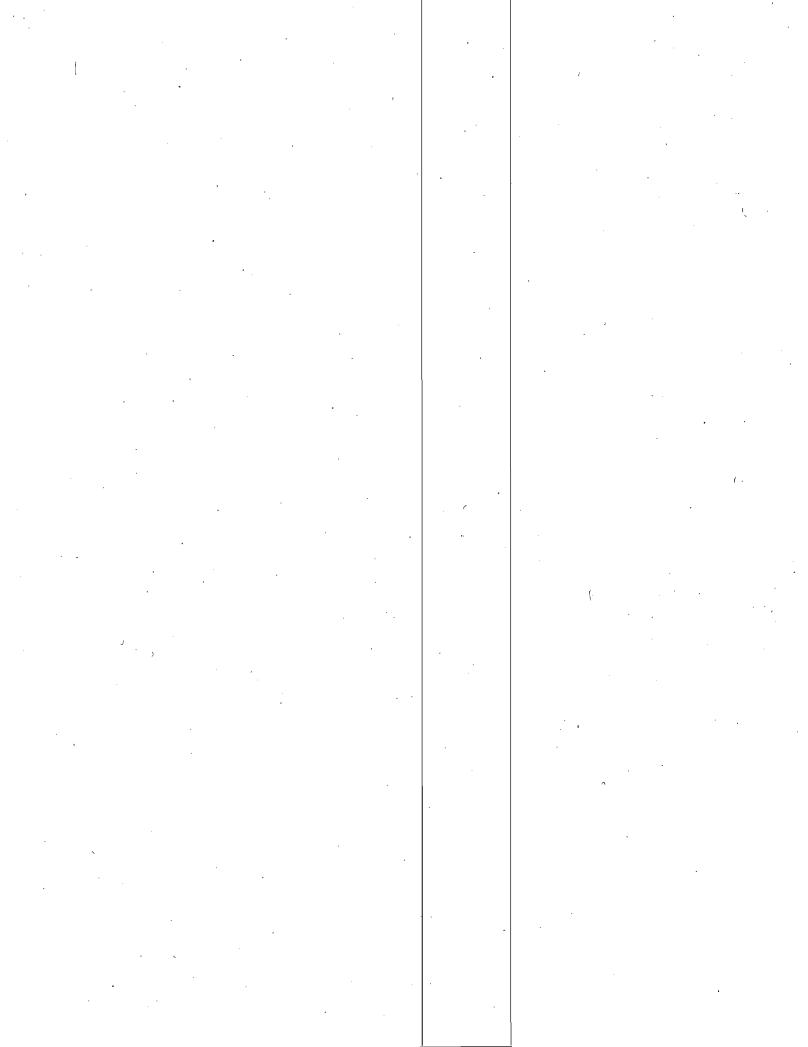
Completed

Pam

I am trying to get the number of clean ups done for pcbs and lead can you send me that or tell me where I can get that info

Thanks

Shirley



From:

Scully, Pam-

Sent:

Tuesday, November 12, 2013 10:02 AM

To:

Shaver, Leslie

Subject:

FW: clean up properties

Follow Up Flag:

Follow up

Flag Status:

Completed

Do you have time to answer this question for Shirley?

Pamela J. Langston Scully, P.E. U.S. Environmental Protection Agency 61 Forsyth Street, SW Atlanta. Georgia 30303 scully.pam@epa.gov Office: 404-562-8935

Cell: 404-661-7378

From: Shirley Carter [mailto:msabccarter@yahoo.com]

Sent: Tuesday, November 12, 2013 9:40 AM

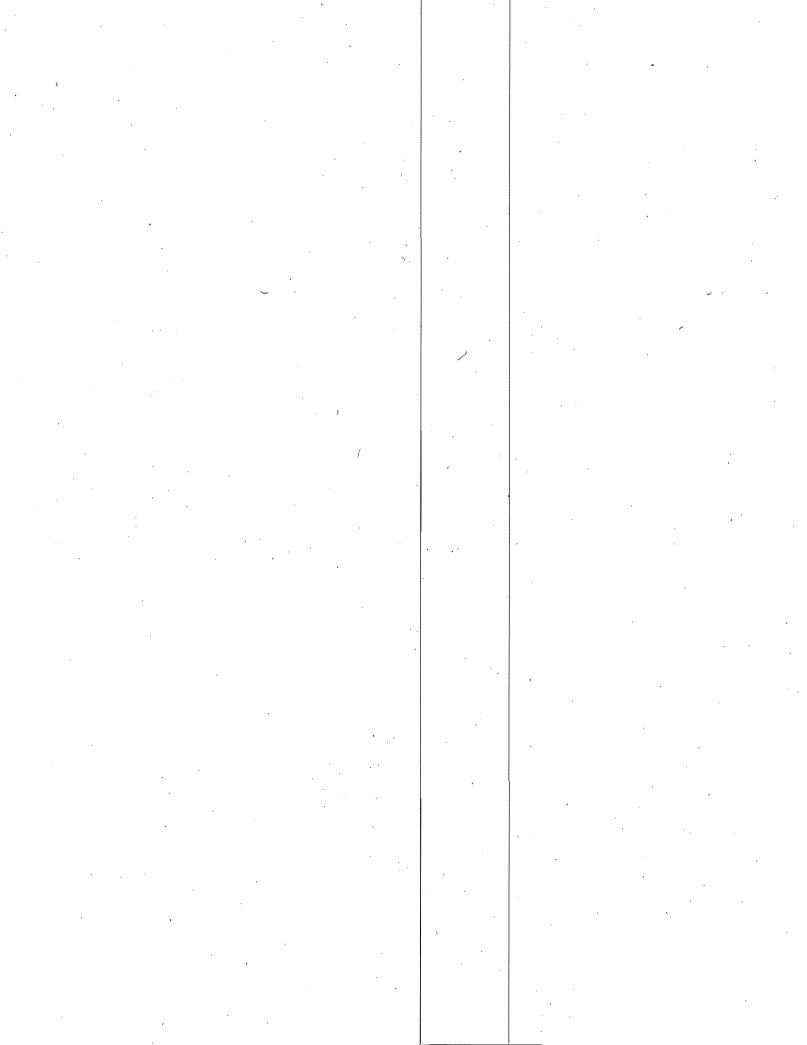
To: Scully, Pam

Subject: clean up properties

Pam

I am trying to get the number of clean ups done for pcbs and lead can you send me that or tell me where I can get that info

Thanks Shirley



From:

Scully, Pam

Sent:

Tuesday, November 12, 2013 11:42 AM

To:

Brown, Stephanie

Subject:

FW: Community Advisory Group Community Meeting

Attachments:

CAG_Agenda_for November 2013b.doc

Follow Up Flag:

Follow up

Flag Status:

Completed

Pamela J. Langston Scully, P.E. U.S. Environmental Protection Agency

61 Forsyth Street, SW Atlanta. Georgia 30303 scully.pam@epa.gov Office: 404-562-8935 Cell: 404-661-7378

From: Community Advisory Group [mailto:cag_cd@annistoncag.org]

Sent: Monday, November 11, 2013 5:07 PM

To: CAG CD

Subject: Community Advisory Group Community Meeting

Good Evening,

Proposed agenda is attached for our community meeting on November 18, 2013.

Thanks

Cynthia Calix

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Community Advisory Group

for the Consent Decree

David Baker

Community Against Pollution CAG-CD Chairman

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Kay Beard

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Hobson City Resident

Isabella Trussell

Logan Martin Lake Protection Assoc.

Frank Chitwood Alternate

IN MEMORIAM

Andrew Bowie
West Anniston Resident

Dr. N. Q. Reynolds

James Hall

AGENDA

18 November 2013 Carver Community Center 720 West 14th Street Anniston, AL 36201 5:30 P.M.

- 1. Call to Order
- 2. Invocation
- 3. Approval of Today's Agenda and Minutes from September Meeting
- 4. Financial Report
- 5. Updates
 - EPA
 - Solutia
 - Technical Advisor
 - Institutional Controls
 - CAG Chairperson
- 6. Community Comments and Questions

Next Meeting Date: January 27, 2014

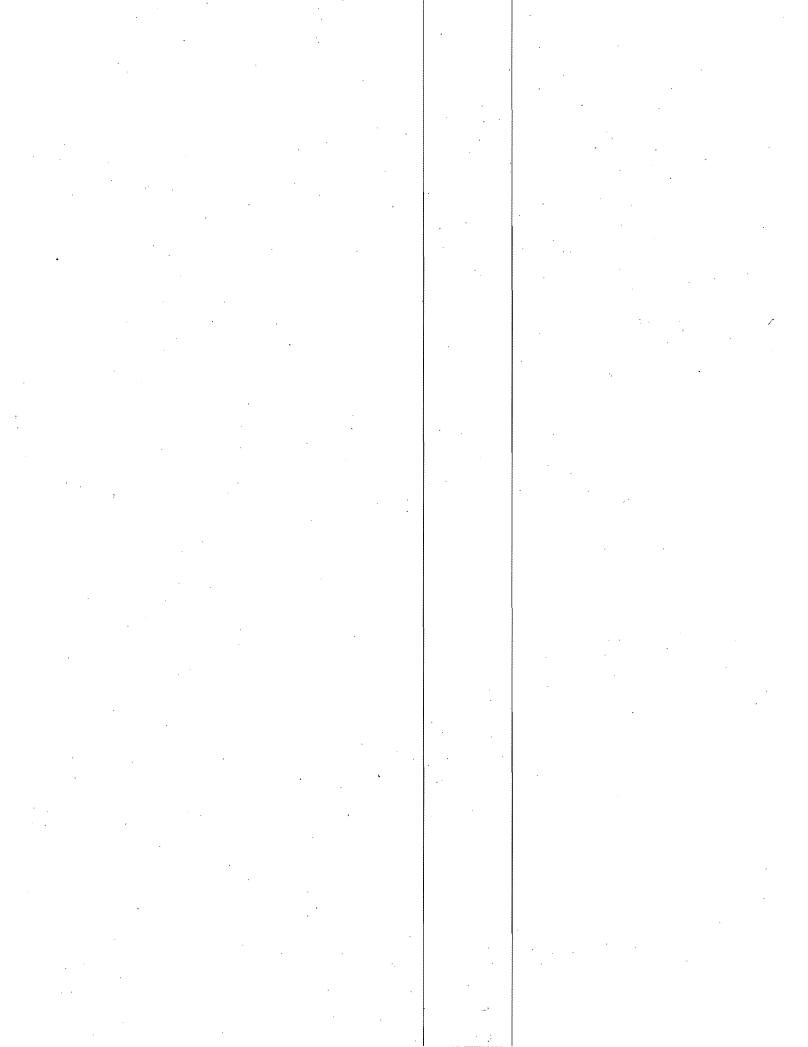
Carver Community Center

Adjourn

1812 Wilmer Ave., Suite B~ Anniston, Alabama 36201

Tel: (256) 741-1429

Website: www.annistoncag.org



From:

Shaver, Leslie <leslie.shaver@tetratech.com>

Sent:

Wednesday, November 13, 2013 12:20 AM

To:

Scully, Pam

Subject:

RE: clean up properties

Follow Up Flag: Flag Status:

Follow up Completed

Hello Pam.

Of course there are a million ways I could divide up the numbers, but I thought this would be the best for this question. If you would like the divisions to be any different, call me tomorrow. The site trailer is supposed to get internet tomorrow, but I am not sure it will actually happen. I will have my computer with me to use the database, if needed.

Total number of PCB Removals Performed: 550

By Solutia: 543 ...

By FCP and/or EPA: 7

Total number of Lead Removals Performed: 678

By Solutia and/or EPA: 149

By FCP: 529

Total number of Commingled Removals Performed (PCB and Lead removed from property): 160

By Solutia: 58 By FCP: 68

By some combination of EPA. FCP and/or Solutia: 34

Total numbers of parcels sampled: 7,865

Thanks, Leslie

From: Scully, Pam [mailto:scully.pam@epa.gov] Sent: Tuesday, November 12, 2013 10:02 AM

To: Shaver, Leslie

Subject: FW: clean up properties

Do you have time to answer this question for Shirley?

Pamela J. Langston Scully, P.E.

U.S. Environmental Protection Agency

61 Forsyth Street, SW Atlanta. Georgia 30303

scully.pam@epa.gov Office: 404-562-8935

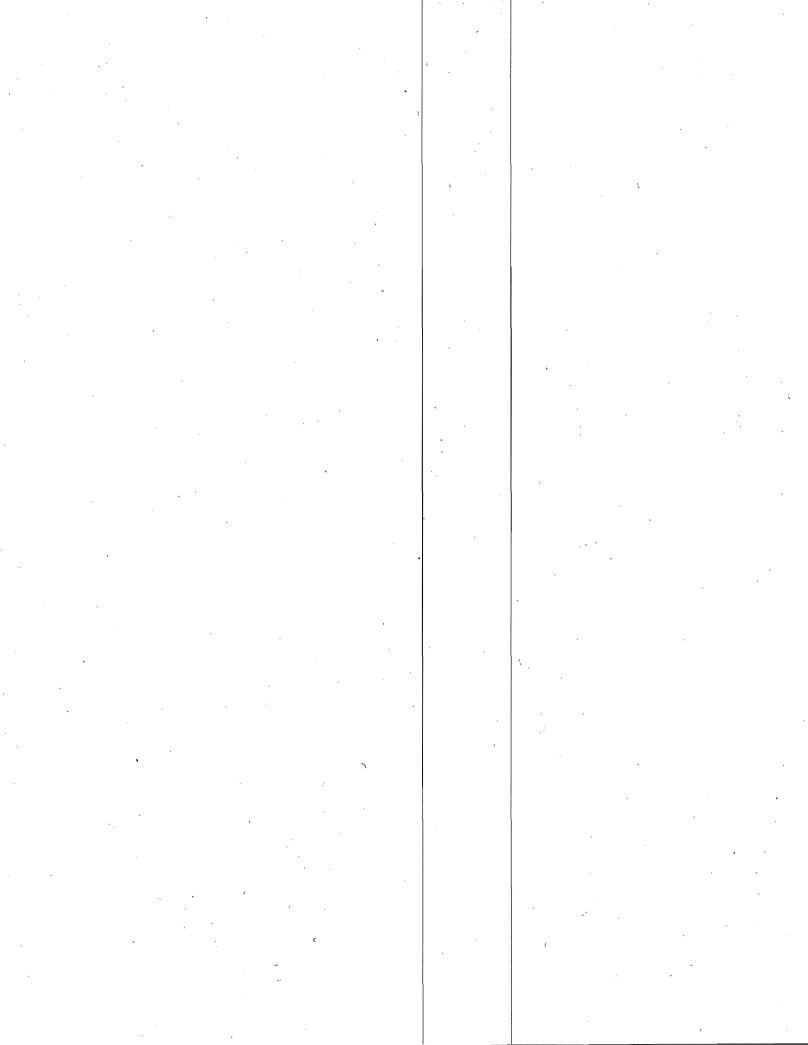
Cell: 404-661-7378

From: Shirley Carter [mailto:msabccarter@yahoo.com]

Sent: Tuesday, November 12, 2013 9:40 AM

To: Scully, Pam

Subject: clean up properties



From:

Scully, Pam

Sent:

Thursday, November 14, 2013 10:24 AM

To:

Shirley Carter

Subject:

Fw: clean up properties

Follow Up Flag:

Follow up

Flag Status:

Completed

From: Shaver, Leslie < leslie.shaver@tetratech.com> Sent: Wednesday, November 13, 2013 12:19:41 AM

To: Scully, Pam

Subject: RE: clean up properties

Hello Pam,

Of course there are a million ways I could divide up the numbers, but I thought this would be the best for this question. If you would like the divisions to be any different, call me tomorrow. The site trailer is supposed to get internet of tomorrow, but I am not sure it will actually happen. I will have my computer with me to use the database, if needed.

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By some combination of EPA. FCP and/or Solutia: 34

Total numbers of parcels sampled: 7,865

Thanks, Leslie

From: Scully, Pam [mailto:scully.pam@epa.gov] **Sent:** Tuesday, November 12, 2013 10:02 AM

To: Shaver, Leslie

Subject: FW: clean up properties

Do you have time to answer this question for Shirley?

Pamela J. Langston Scully, P.E.
U.S. Environmental Protection Agency
61 Forsyth Street, SW
Atlanta. Georgia 30303
scully.pam@epa.gov

Office: 404-562-8935

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From:

Community Advisory Group <cag_cd@annistoncag.org>

Sent:

Thursday, January 09, 2014 10:09 AM

To:

CAG CD

Subject:

CAG Proposed Agenda for January Meeting

Attachments:

CAG_Agenda January 2014.doc

Follow Up Flag:

Follow up

Flag Status:

Completed

Good Morning & Happy New Year,

The proposed agenda for our January meeting is attached.

Thanks

Cynthia Calix

Administrator

Community Advisory Group For The Consent Decree

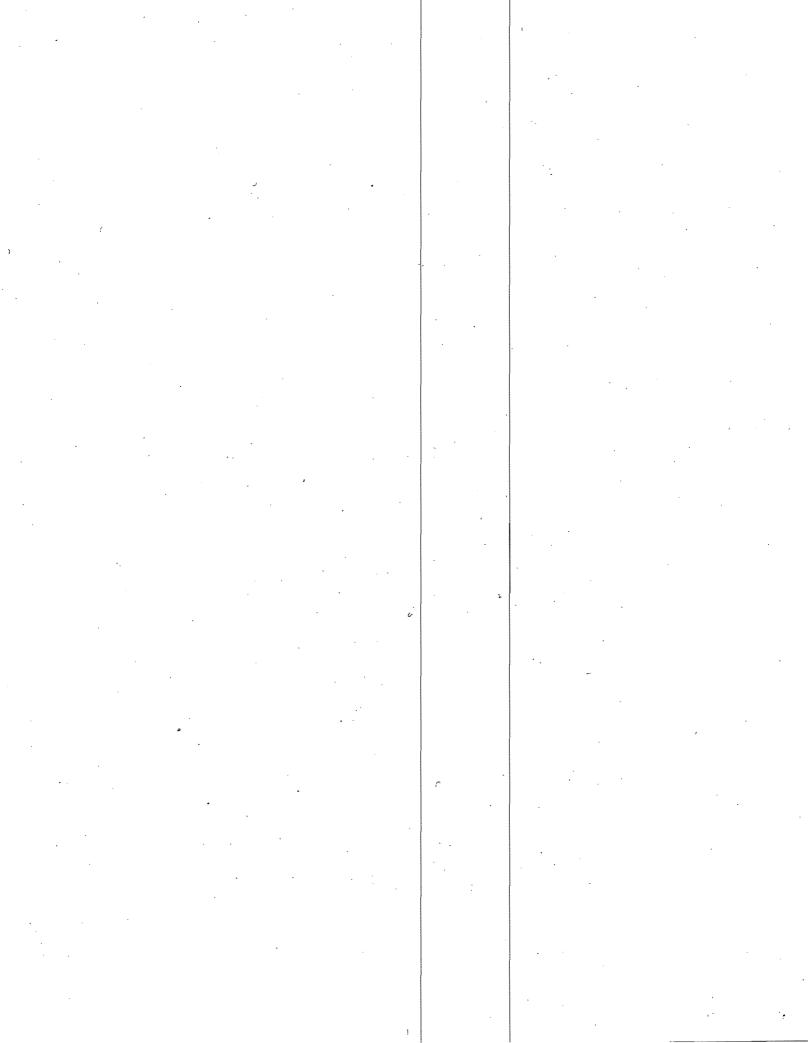
1812 Wilmer Avenue

Suite B

Anniston, AL 36201

Voice: 256*741*1429 FAX: 256*741*3224

Website: www.annistoncag.org





Community Advisory Group

for the Consent Decree

David Baker

Community Against Pollution CAG-CD Chairman

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Oxford Resident CAG-CD Vice Chairman

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Robert A. Pyles

Hobson City Resident

isabella Trussell

Logan Martin Lake Protection Assoc.

Frank Chitwood

Alternate

IN MEMORIAM

Andrew Bowie

West Anniston Resident

Dr. N. Q. Reynolds

James Hall

AGENDA

27 January 2014 Carver Community Center 720 West 14th Street Anniston, AL 36201 5:30 P.M.

- 1. Call to Order
- 2. Invocation
- 3. Approval of Today's Agenda and Minutes from November Meeting
- 4. Financial Report
- 5. Updates
 - ☑ EPA
 - Solutia
 - Technical Advisor
 - CAG Chairperson

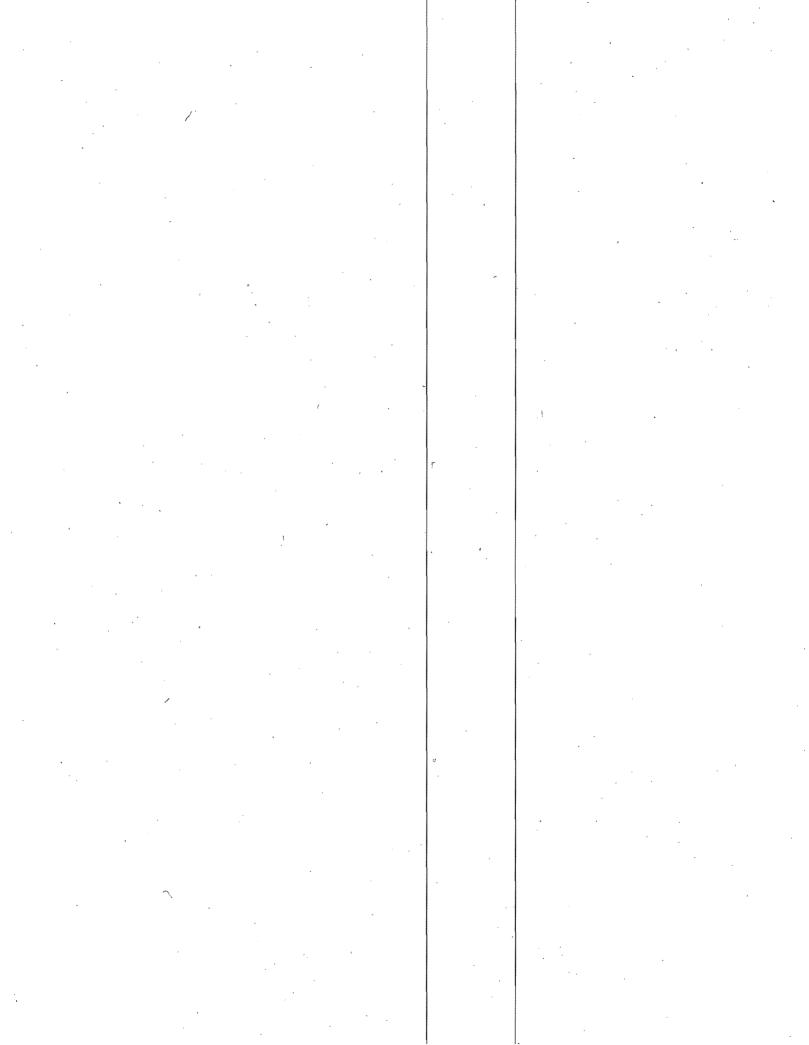
6. Community Comments and Questions

Next Meeting Date: March 17, 2014

Carver Community Center

Adjourn

Website: www.annistoncag.org



From:

ITrussell@aol.com

Sent:

Monday, January 27, 2014 10:49 PM

To:

Scully, Pam

Subject:

OU4 fact sheet for health risk assess.

Follow Up Flag:

Flag Status:

Follow up Completed

Pam,

Can you send me a copy via email or the link to the fact sheet on the EPA web site ASAP? I poked around on the website, but couldn't find it. I would like to send it to several folks interested in Choccolocco, in particular.

Thanks, Isabella)]

From:

Tim Woods <twoods@avatarenviro.com>

Sent:

Tuesday, January 28, 2014 9:21 AM

To:

ITrussell@aol.com

Cc:

Woods, Tim; Scully, Pam; Walsh, Jim; Koporec, Kevin

Subject:

OU-4 Factsheet - Human Health Risk Assessment

Attachments:

OU4 HHRA Fact Sheet_Final_20140109.pdf

Follow Up Flag:

Follow up

Flag Status:

Completed.

Isabella-

It was nice meeting and speaking with you at the CAG meeting. Per your request to Pam, attached is the Factsheet for the OU-4 Human Health Risk Assessment.

Stay warm.

Regards

Tim Woods

Avatar Environmental - A Service-Disabled Veteran Owned Small Business 107 South Church Street West Chester, PA 19382 O: 610-692-8330 x14

M: 484-343-8721

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U.S. ENVIRONMENTAL PROTECTION AGENCY



FACT SHEET HUMAN HEALTH RISK ASSESSMENT REPORT OPERABLE UNIT 4 ANNISTON PCB SITE ANNISTON, ALABAMA

U.S. EPA Region 4

January 2014

Site Background

The Anniston PCB Site (the "Site") is located in Calhoun and Talladega Counties in the north-central part of Alabama. The Site consists of the entire geographic area in and around Anniston, Alabama where polychlorinated biphenyls (PCBs) have come to be located. The U.S. Environmental Protection Agency (EPA) believes that the vast majority of the PCBs in the Anniston area were released from the operations of the former Monsanto Corporation's PCB manufacturing plant. Today the

former PCB plant property is owned by Solutia, Inc. (Solutia). Solutia currently produces polyphenyl compounds and phosphate ester-based hydraulic fluids at the Anniston plant.

To better manage the Remedial Investigation/ Feasibility Study (RI/FS), site management activities have been divided into operable units (OUs), which were selected based on geographic location and complexity.

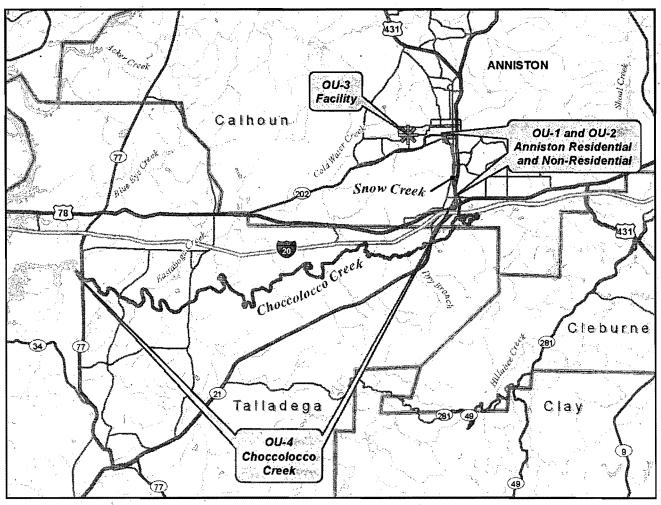
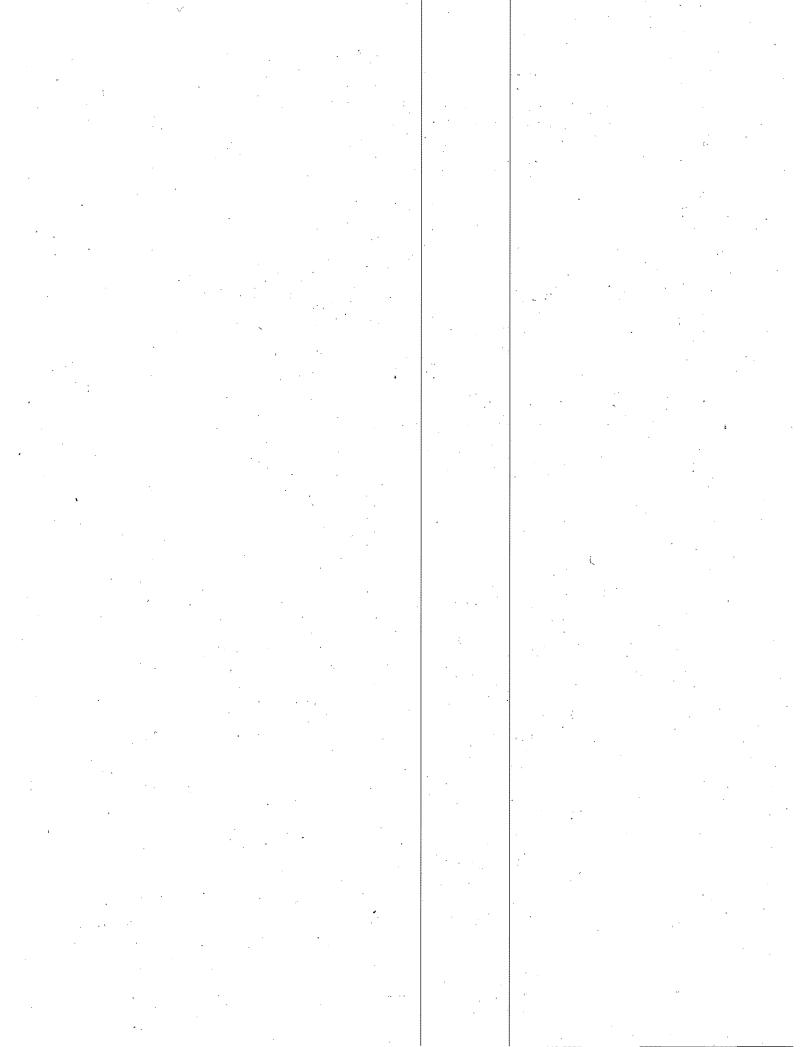


Figure 1 - Anniston PCB Site Operable Units



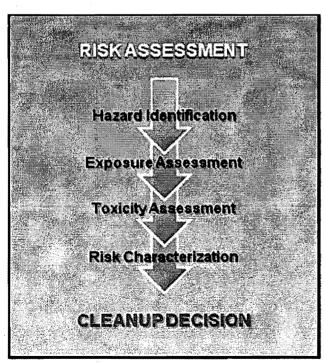
OU-1 and OU-2, which were previously separated, have been combined into a single OU (i.e., OU-1/OU-2). OU-1/OU-2 generally consists of both residential and non-residential properties from, and around, the plant and downstream, following Snow Creek to Highway 78. OU-3 consists of the plant, the South Landfill, and the West End Landfill.

OU-4 includes Snow Creek and its floodplain downstream of Highway 78 to the confluence of Snow and Choccolocco Creeks, and Choccolocco Creek from the backwater area upstream of Snow Creek to Lake Logan Martin in Talledega County. When the remedial investigation for OU-4 is complete, EPA will consider whether additional downstream investigations are warranted. Figure 1 presents the locations of the Anniston PCB Site Operable Units.

This document focuses on OU-4 and summarizes the conclusions of the Human Health Risk Assessment (HHRA) that was recently prepared for OU-4.

Risk Assessment Process

A Human Health Risk Assessment is conducted to find out what possibility there is that chemicals from a hazardous waste site or facility could cause current or future health risks to individuals who come into contact with them.



The risk assessment provides the community and decision makers with an understanding of the potential health risks posed by contamination in the absence of any

cleanup. Risk assessments are typically conservative to prevent underestimating the health risks to the public.

To identify the current and future health risks, the HHRA answers the following questions:

- Are toxic compounds present? (Hazard Identification) Samples of soil, sediment, surface water, and fish tissue were collected to identify chemicals present within OU-4.
- Who is exposed? How often? (Exposure Assessment) Chemicals may enter the body through breathing (inhalation), eating (ingestion) or by skin contact (dermal contact). The range of exposure varies from a maximum exposure to an average exposure, which is more reflective of what is likely to occur.
- How toxic are they? (Toxicity Assessment) EPA
 used information collected from past animal and
 human studies to assess the potential for
 chemicals to cause cancer or non-cancer effects.
- Are there potential health risks? (Risk
 Characterization) The risk characterization
 describes the potential health risks and identifies
 which chemicals are causing the risk.

Contaminants of Potential Concern

A contaminant of potential concern (COPC) screening was performed for the OU-4 HHRA. Total PCBs, PCB dioxin-like congener toxic equivalents (TEQ), dioxin TEQ, and mercury were identified as COPCs for the fish ingestion pathway. Total PCBs and mercury were identified as the primary COPCs in the floodplain soil. In addition, analytes including dioxins/furans, carcinogenic polycyclic aromatic hydrocarbons (PAHs), and metals were identified as other COPCs in the floodplain soil. Only total PCBs were evaluated in agricultural products.

Exposure Units

OU-4 includes over 35 miles of the Choccolocco Creek floodplain. Characterization Areas (CAs) were developed based on topographical and hydraulic features to evaluate the nature and extent of contamination. Nine CAs were identified along the length of OU-4 and each of the nine CAs were subdivided into two to four subareas based on the side of the Creek (north or south) and the area within the 100-year floodplain. Given the size and land use variability of these CAs, EPA determined that additional segmentation of CAs into Exposure Units (EUs) was necessary to adequately characterize exposure. The approach for developing EUs was to identify as large an area as reasonable within a CA considering both property ownership and land use.

Twenty-five EUs were identified for evaluating direct contact risks associated with floodplain soils in OU-4 (Figure 2), and an additional eight EUs were evaluated

)

for agricultural exposure via indirect contact (chemical uptake into vegetables and animals that are then eaten by humans). Fish fillet samples were collected from nine locations along the Choccolocco Creek to characterize the extent of the fish contamination. The fish sampling locations consisted of access points like bridge crossings. Three different fish species categories were collected from each location including bass (spotted bass and largemouth bass), catfish, and panfish (sunfish and crappie).

Exposure Pathways

Exposure pathways are identified to estimate risks and hazards to individuals who currently contact the contaminated media and those who may contact the contaminated media at some point in the future. Figure 3 illustrates the Conceptual Site Model of OU-4. It shows the source of the contamination and how the contamination is released and transported from the source to the media, such as soil and fish tissue to which individuals may be exposed. In addition to the pathways shown on Figure 3, EPA has evaluated groundwater conditions where PCBs were found at depth in Snow Creek, in both OU-2 and OU-4. Based on those results, PCBs are not expected to be present in groundwater at levels that exceed the federal maximum contaminant level (MCL) for PCBs in drinking water of 0.5 µg/L (micrograms per liter).

Pathways Analysis

A critical step in characterizing health risks at hazardous wastes sites, such as the Anniston PCB Site, is estimating how much of each site-related chemical might be taken into the body by people living, working, recreating, or trespassing/visiting on or near the site. In this step of the risk assessment process, known as exposure assessment, the risk assessor begins with a "pathways analysis." People can be exposed to chemicals through what are termed "exposure pathways." The pathways analysis considers exposure pathways that are most important for the Site.

The pathways analysis considers how often people contact contamination in the environment, for how long (number of years) people continue this contact, and how much chemical is taken into the body at each contact. Estimates for these considerations are termed "exposure parameters." The risk assessor chooses exposure parameters that are estimated for each exposure pathway. The exposure parameters are chosen based on the current exposure and the anticipated exposure that could occur in the future. Exposure pathways and scenarios, and exposure parameters are discussed below.

Exposure Pathways

Exposure pathways describe ways that people can come into contact with chemicals. Exposure pathways typically consist of four parts:

- 1. A source of chemicals for instance, an industry that produces wastes, which are not usable or disposed of easily.
- A way that chemicals enter the environment (a release mechanism) for instance, industrial wastes at the PCB plant were placed into landfills.
- A way that chemicals move through the environment to places where people live, work or recreate/trespass – for instance, chemicals in wastes placed in a landfill may be carried off-site during rain events and subsequent runoff and impact a surface water body, such as the Choccolocco Creek.
- A way that chemicals can enter the body for instance, people that eat fish from contaminated bodies of water could take chemicals into their bodies.

An example of an exposure pathway is the "soil dermal contact pathway." For this pathway, soil would be the location of chemicals in the environment when people come into contact with them, and dermal contact (soil sticking to skin which allows chemicals to be absorbed through their skin and into their body) would be the way that people are actually exposed.

The length of the Choccolocco Creek within OU-4. and the size and multiple uses of the floodplain, pose a significant challenge to effectively assess risk from exposures to contamination for both current and potential future uses of the area. Children and adults may be exposed to soil while engaging in a variety of. activities around their homes or recreational activities at other locations. Adults may be exposed to soil while working in agricultural, landscaping, utility maintenance, and other occupations. Anglers, farmers, and their families may be exposed to contaminants from eating fish caught from the Creek and eating crops and other agricultural products raised in the floodplain. Hunting appears to be a popular activity in the area. The potential exposure associated with eating game (e.g., deer and turkey) taken from the floodplain is expected to be negligible given the large home ranges of the game animals.

Exposure pathways that have been identified for Anniston PCB Site OU-4 are presented in **Figure 3**. Estimates of the amount of chemicals taken in by people living, working or recreating/trespassing on or near OU-4 were used in the risk assessment to characterize risk associated with chemicals released to the environment.

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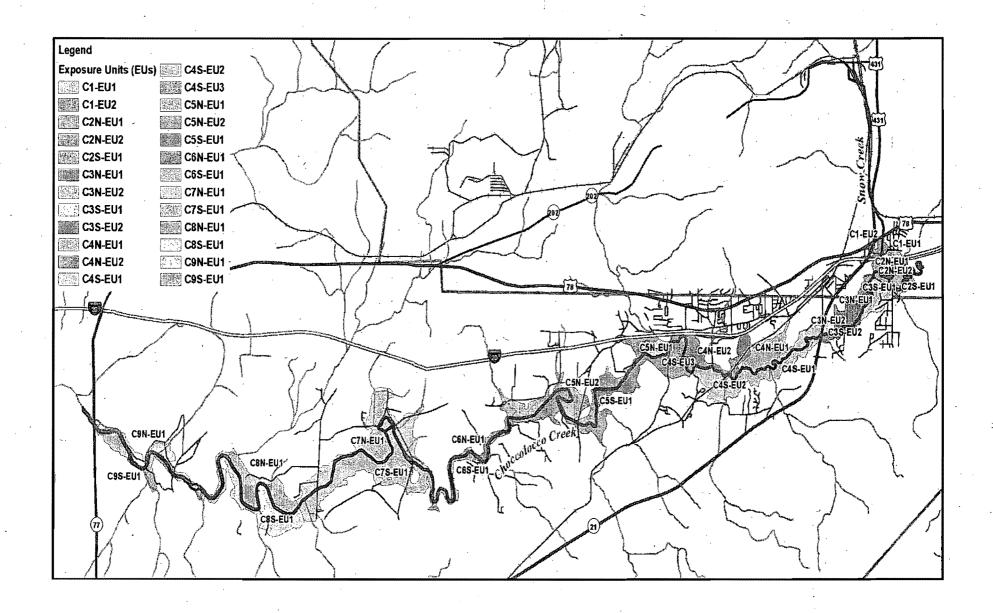


Figure 2 - OU-4 Exposure Units

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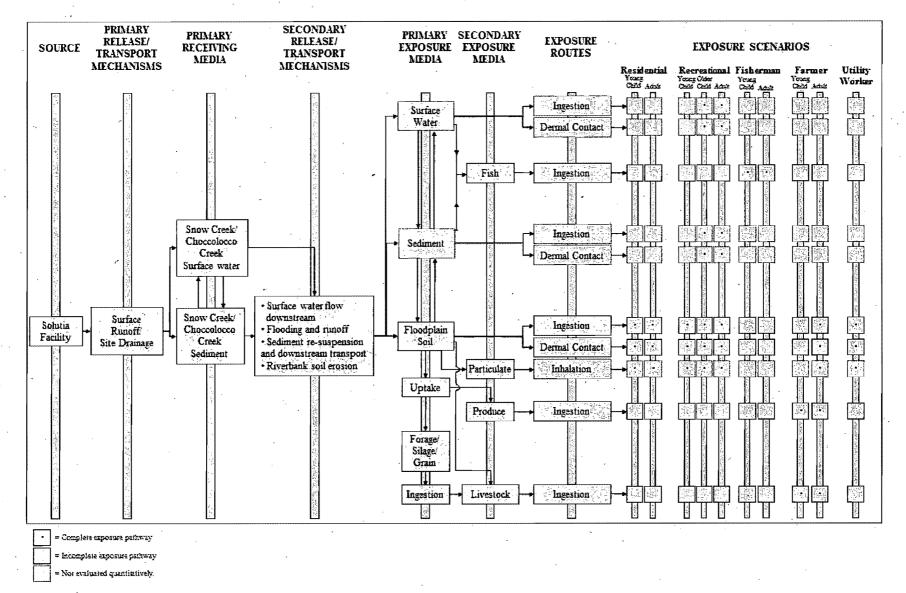
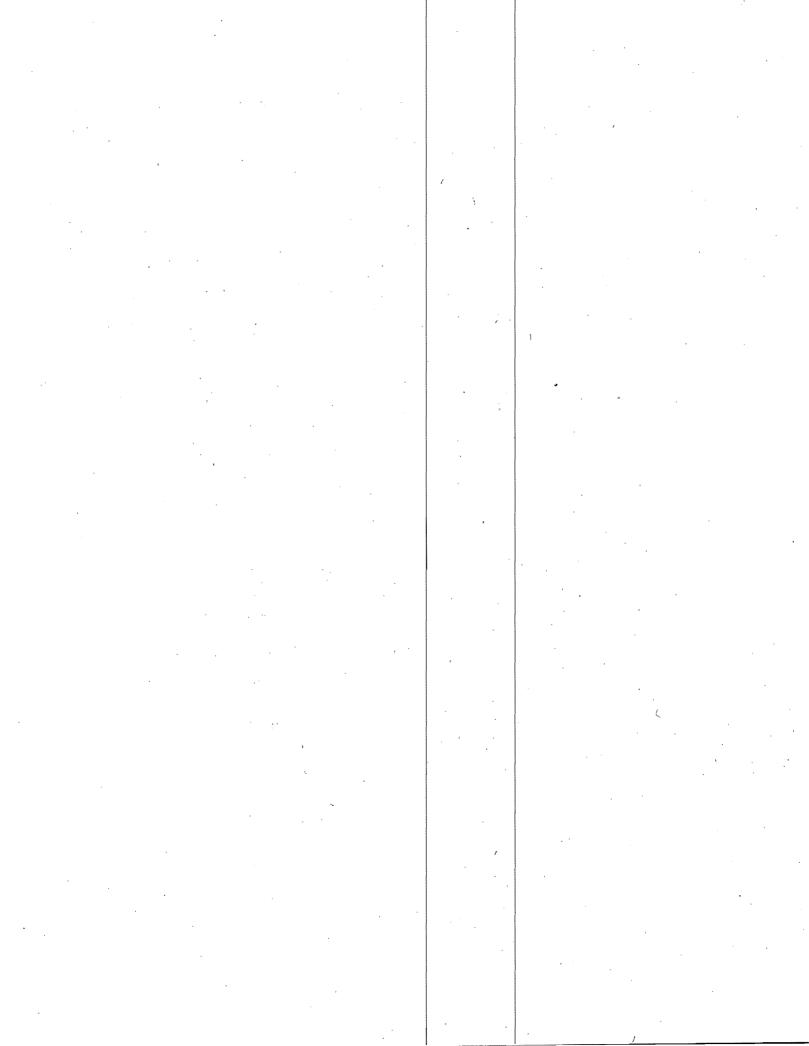


Figure 3 – OU-4 Conceptual Site Model



Exposure Parameters

Exposure parameters help the risk assessor estimate how much of a chemical might be taken into the body given the current exposure associated at an area and the likely future exposure. Exposure parameters are identified for each exposure pathway and include:

- The number of days in a year people might ingest chemicals in soil, fish, agricultural products, or get contaminated soil on their skin (exposure frequency).
- The number of years people continue to have exposure to site-related chemicals (exposure duration).
- The amount of soil, fish, or other food items gathered from a contaminated area that is taken in each time a person contacts contamination (contact rate). For soil, it is the amount consumed incidentally during outdoor work or play or the amount of soil that sticks to the skin. For ingestion of contaminated food items such as fish and agricultural items, it is the amount of the food item consumed.
- Other parameters are also used in the calculations.
 These parameters are important for making exposure estimates comparable. These exposure parameters include body weights for children, teenagers and adults; the area of skin surface for children, teenagers and adults; and averaging time, which helps the risk assessor express all calculations in terms of the amount of chemical taken in each day.

RESIDENTIAL PROPERTIES

There are numerous residential properties within the floodplain area. Children and adults can contact the soil in the areas immediately around the location of the residence on a regular basis. Similar to OU-1/OU-2, the areas around the residences were delineated and evaluated by comparing the PCB concentrations (95% UCL) to 1 mg/kg, the residential remedial level used in OU-1/OU-2. Residential properties in OU-4 have been investigated and removal actions have been implemented for all residential properties where property access was available.

Risks are Presented as Numbers

Cancer Risk is the increased probability, or chance, of getting cancer as a result of exposure to chemicals at a site. In the OU-4 HHRA, a risk level of 1 in 1,000,000 increased chance is written 1E-06.

Noncancer Risk is a comparison of an acceptable exposure to the amount of exposure estimated at a site. The comparison is called the Hazard Quotient (HQ). An HQ greater than 1 indicates that site exposure exceeds the acceptable exposure.

Acceptable Risks for cancer are considered by EPA to be within the range of 1 in 1,000,000 to 1 in 10,000. For risk estimates within this range, EPA looks at site-specific factors affecting risk, uncertainties with the estimate, as well as other factors regarding potential remediation. Cancer risk estimates exceeding 1 in 10,000 are considered to be unacceptable and thus necessitate the evaluation of remediation or other means to reduce/prevent exposure. For noncancer health effects, an HQ less than 1 means that people are unlikely to be harmed.

Summary of Findings

Overall, the following conclusions can be drawn from the HHRA that was performed for OU-4:

- Fish consumption poses a potentially significant human health risk to those who regularly consume fish from the Choccolocco Creek at or near the levels assumed in the HHRA (see Figures 4 and 5). The reasonable maximum exposure (RME) cancer risks from PCBs were greater than a 1 in 10,000 (1E-04) chance. Total PCBs resulted in RME HQs greater than 10. The RME HQs from mercury, PCB dioxinlike congener TEQ, and 2,3,7,8-TCDD TEQ were greater than one at a number of locations but were less than the total PCBs HQs.
- Risks from consuming locally raised beef and dairy
 products from the highest concentration areas, also
 could pose health risks if current practices changed
 and a significant portion of an individual's beef
 and/or dairy intake was locally raised and consumed
 over a long period of time.
- Risks from other agricultural product consumption, including chicken, eggs, and vegetables are not likely to be a concern under any current or future circumstances.
- Risks from direct contact exposures to floodplain soil are not likely to be of any concern even at the highest concentration areas.

Uncertainty Analysis

Along with the numeric results, the confidence associated with the assumptions and input parameters must be considered. The uncertainty analysis shows that risks are relative and do not represent an absolute "bright line" value. Although uncertainties cannot often be quantified, the direction of the uncertainty (i.e., over- or underestimation) can be noted.

For example, with agricultural product ingestion, risks were calculated for several products (dairy, vegetables, chicken and eggs) that are without evidence of current production in the floodplain. This clearly overestimates risk values unless these practices become common. Also, conservative models were used to estimate the total PCB

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concentrations in agricultural products. Similar conservative assumptions were built into the fish ingestion and direct contact risk estimate.

The Anniston PCB Site Human Health Risk Assessment was constructed such that any major uncertainties overestimated risk, thereby protecting public health.

Integrated Risk

After evaluating the three primary exposure pathways separately, Site-related total PCB risk to individuals who live, work, and recreate along the Choccolocco Creek and have the potential to be exposed to more than a single exposure pathway, were considered.

Fish ingestion represents the highest potential risk, and the only activity that would have any impact on the estimated risks due to fish ingestion would be consuming beef or dairy products from cattle raised in the floodplain (Figures 4 and 5).

Beef and dairy consumption could be important if an individual raised a significant amount of beef or dairy products for personal consumption in the most highly contaminated areas of the floodplain for a long period of time, a practice that does not seem to be common in the area. Other than this worst-case agricultural pathway assumption, combining the direct contact and/or agricultural product risks to risks associated with fish ingestion would have little impact on the overall results.

Conversely, if an individual heeded the fish consumption advisory, and did not consume fish from the Choccolocco Creek on a regular basis, most farming and recreational practices are unlikely to result in unacceptable risks, as shown in **Figures 4 and 5**.

In **Figure 4**, the gray shaded area represents EPA's acceptable risk range. In **Figure 5**, the horizontal line represents EPA's noncancer benchmark of one.

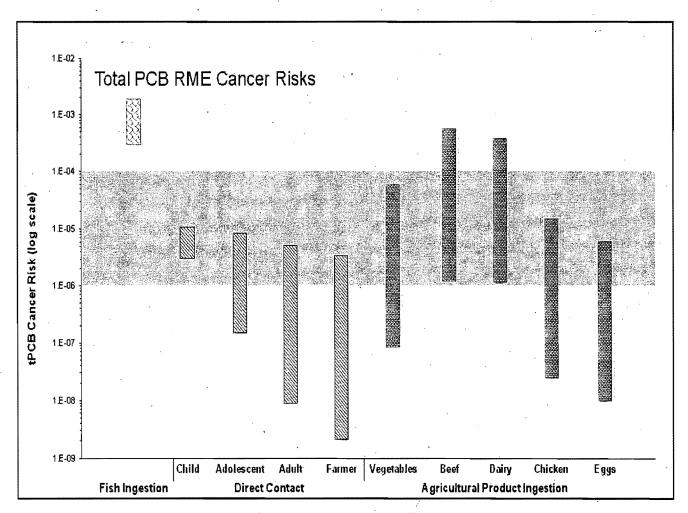
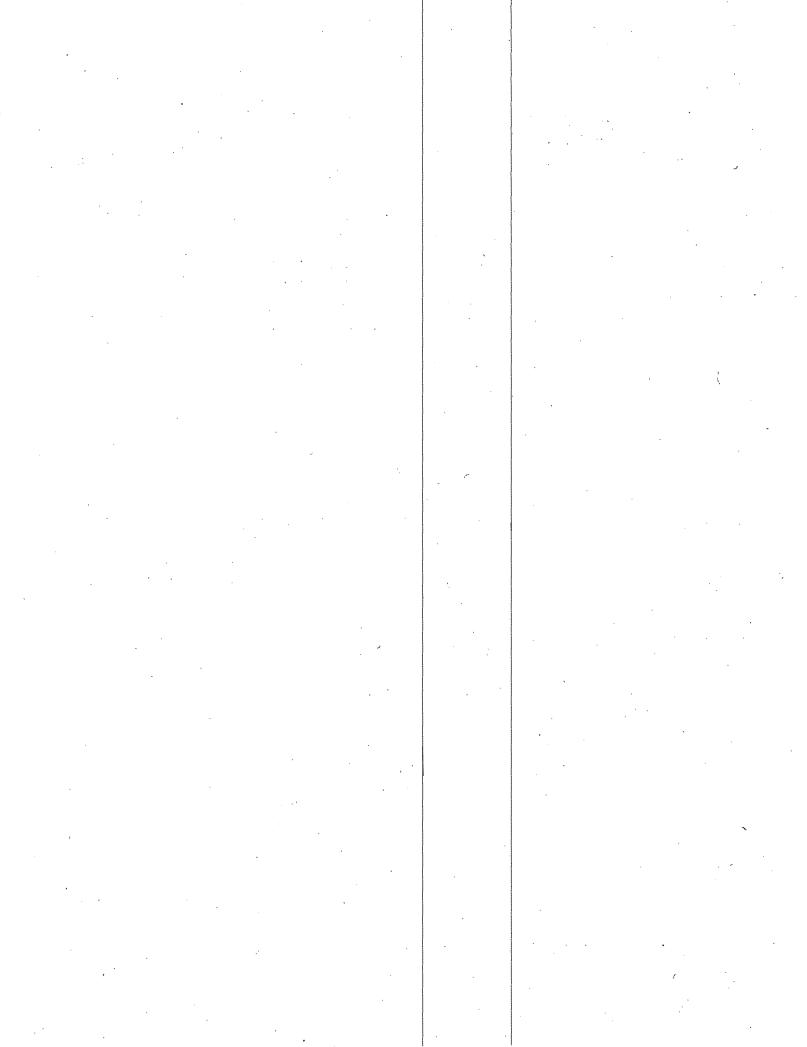


Figure 4 - Total PCB Reasonable Maximum Exposure Cancer Risks

The gray shaded area represents EPA's acceptable risk range.



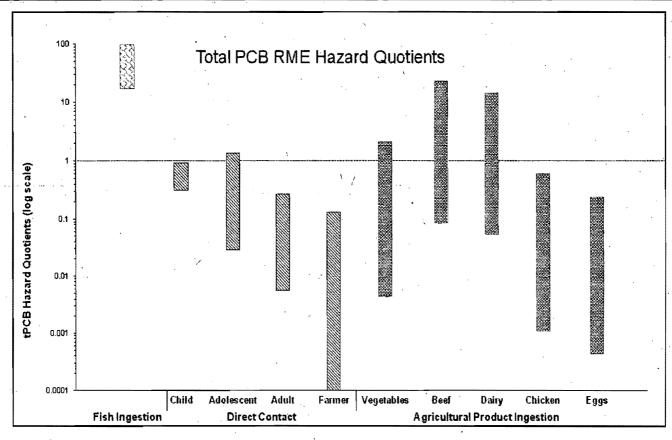


Figure 5 - Total PCB Reasonable Maximum Exposure Hazard Quotients

The horizontal line represents EPA's noncancer benchmark of one.

Glossary

95% Upper Confidence Level (95 % UCL): The 95% upper confidence level of the mean is a conservative estimate of the average chemical concentration in an environmental medium.

Administrative Record: Documents and data used in selecting cleanup remedies at National Priority List (NPL) sites. The record is placed in the information repository to allow public access.

Contaminant of Potential Concern (COPC): A substance detected at a hazardous waste site that has the potential to affect receptors adversely due to its concentration, distribution, and mode of toxicity.

Exposure Parameter: Estimates for how often people contact contamination in the environment, for how long (number of years) people continue this contact, and how much chemical is taken into the body at each contact.

Exposure Pathway or Exposure Route: The pathway or route a contaminant may take to reach humans or other living organisms.

Exposure Point Concentration: The amount (concentration) of a chemical at the absorptive surfaces of an organism.

Human Health Risk Assessment: A complex process by which scientists determine the harm that a substance, activity, lifestyle, or natural phenomenon can inflict on human health.

Reasonable Maximum Exposure (RME): The highest exposure that can be reasonably expected to occur for human or other living organisms at a site under current and potential future site uses.

Community Involvement Opportunity

The HHRA report is available for review at the information repositories identified below. A meeting to explain the information presented in this Fact Sheet or the document will be held on *January 28th at the Oxford Civic Center beginning at 6:30 pm*.

For More Information

For more information about the meeting, ongoing investigations, or any other aspects of the Anniston PCB Site, please contact:

Pam Scully Remedial Project Manager USEPA 61 Forsyth Street, SW Atlanta, GA 30303 Phone: (404) 562-8935 Fax: (404) 562-8896

E-mail: scully.pam@epa.gov

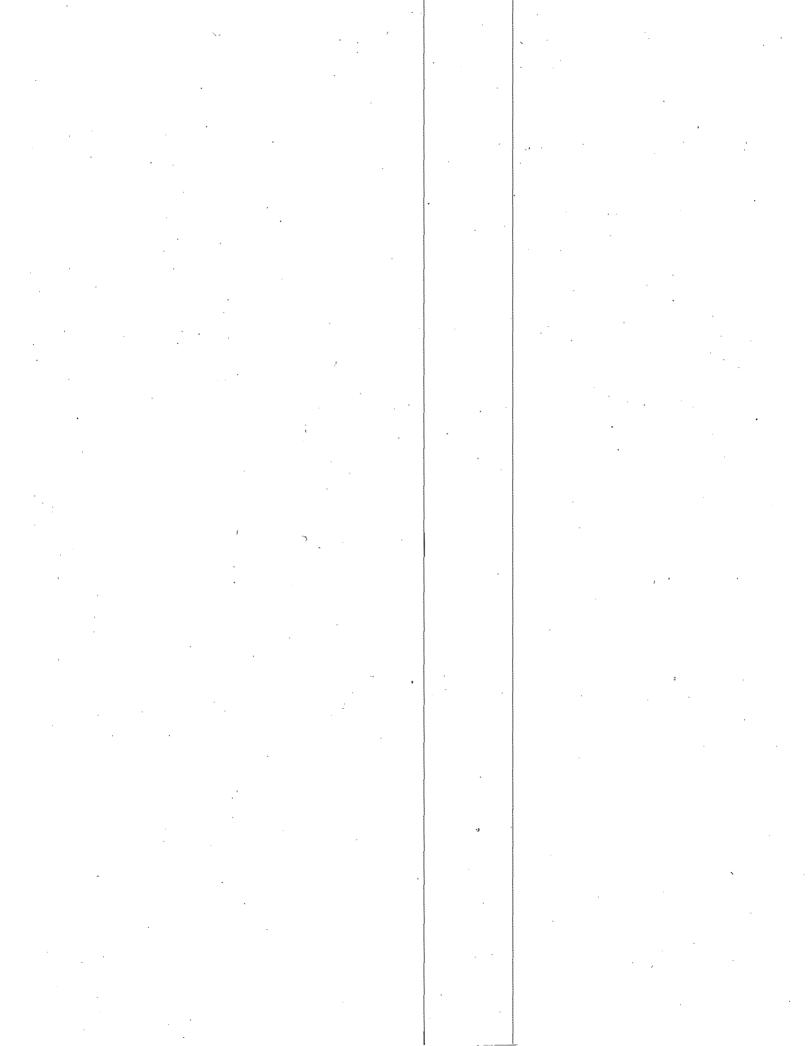
Information Repository

A file containing current information, technical reports, and reference documents on the Site cleanup, is available at the information repositories. The information repository is usually located in a public building that is convenient for local residents, such as a library, city hall or public school. For the Anniston PCB Site, the two information repositories are located at the **Public Library of Anniston-Calhoun County:**

Carver Branch 722 West 14th Street Anniston, Alabama

and

Main Branch 108 East 10th Street Anniston, Alabama.



Community Outreach Information Meeting
OU4 Human Health Risk Assessment
January 28, 2014
Oxford Civic Center
6:30 pm

FACT SHEET

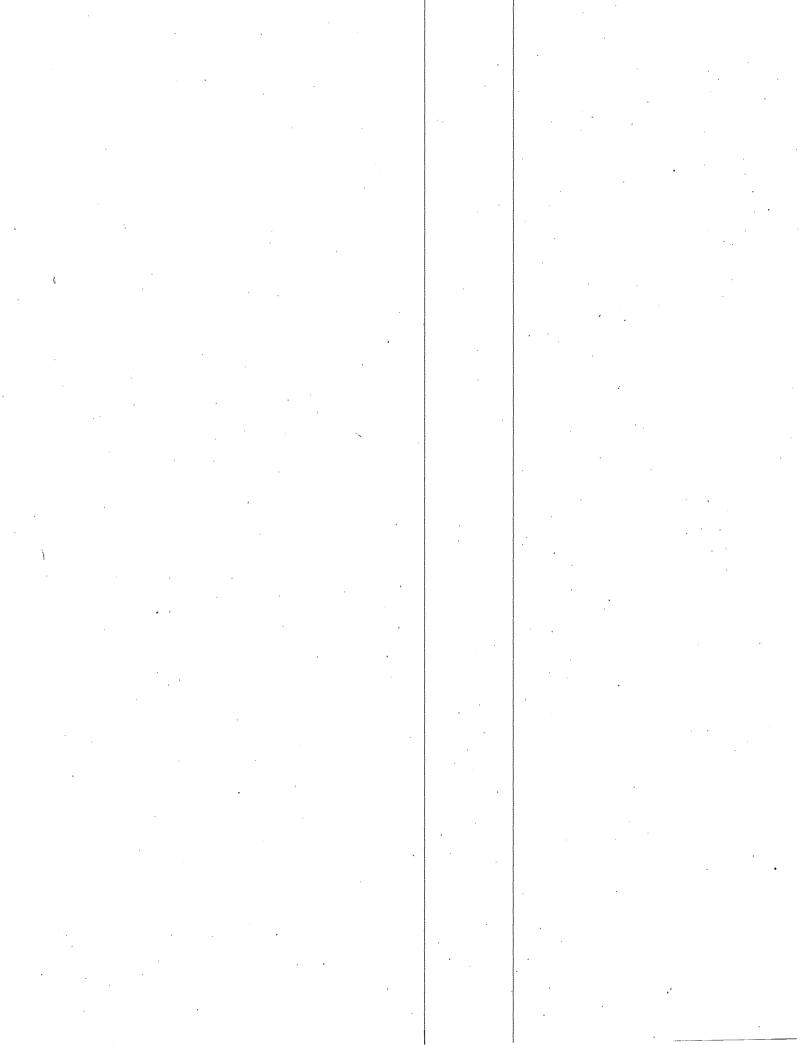
ANNISTON PCB SITE

Human Health Risk Assessment Report Operable Unit 4



U.S. Environmental Protection Agency Region 4, Atlanta Federal Center 61 Forsyth Street, S.W. Atlanta, Georgia 30303-8960

Attn: Pam Scully, SRB



From:

ITrussell@aol.com

Sent:

Tuesday, January 28, 2014 11:53 AM

To:

twoods@avatarenviro.com

Cc:

Scully, Pam

Subject:

Re: OU-4 Factsheet - Human Health Risk Assessment

Follow Up Flag:

Follow up

Flag Status:

Completed

Tim,

It was nice to meet you, also. Thank you and Pam for the Fact Sheet.

Isabella

In a message dated 1/28/2014 8:20:59 A.M. Central Standard Time, twoods@avatarenviro.com writes:

Isabella-

It was nice meeting and speaking with you at the CAG meeting. Per your request to Pam, attached is the Factsheet for the OU-4 Human Health Risk Assessment.

Stay warm.

Regards

Tim Woods

Avatar Environmental - A Service-Disabled Veteran Owned Small Business

107 South Church Street

West Chester, PA 19382

O: 610-692-8330 x14

M: 484-343-8721

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From:

ITrussell@aol.com

Sent:

Wednesday, January 29, 2014 9:07 PM

To:

Scully, Pam

Subject:

OU4 HHRA meeting

Follow Up Flag:

Follow up Completed

Flag Status:

Pam,

Will the canceled meeting be rescheduled? If so, please let me, or better yet, Cindy, know.

Thanks and hope you didn't get stranded by the snow. I suspect you did, in some fashion or other.

From:

Scully, Pam

Sent:

Wednesday, January 29, 2014 9:31 PM

To:

ITrussell@aol.com

Subject:

Re: OU4 HHRA meeting

Follow Up Flag:

Follow up

Flag Status:

Completed

Isabella

I am still stranded in Oxford. Hopefully I will get home tomorrow. I will let you and Cindy know when we reschedule.

Pam

From: ITrussell@aol.com <ITrussell@aol.com> Sent: Wednesday, January 29, 2014 9:06:48 PM

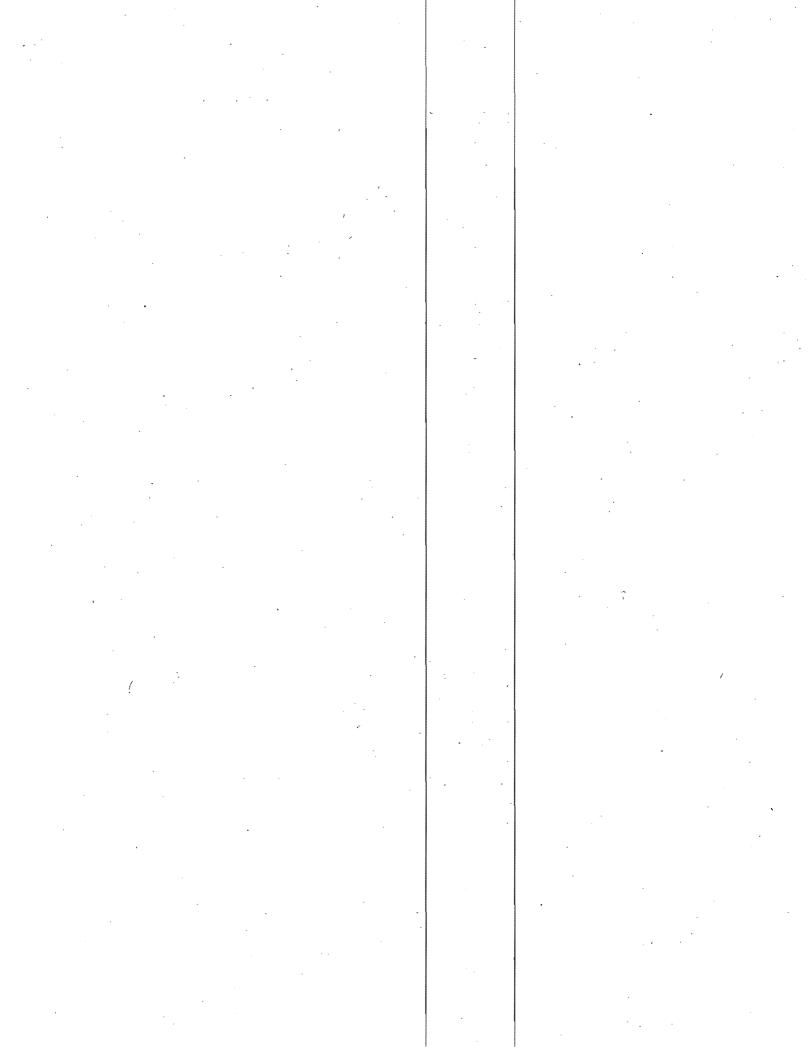
To: Scully, Pam

Subject: OU4 HHRA meeting

Pam,

Will the canceled meeting be rescheduled? If so, please let me, or better yet, Cindy, know.

Thanks and hope you didn't get stranded by the snow. I suspect you did, in some fashion or other.



From:

ITrussell@aol.com

Sent:

Thursday, January 30, 2014 2:05 PM

To:

Scully, Pam

Subject:

Re: OU4 HHRA meeting

Follow Up Flag:

Follow up

Flag Status:

Completed

Pam,

Thanks and I hope you make it home safely.

Isabella

In a message dated 1/29/2014 8:30:57 P.M. Central Standard Time, scully.pam@epa.gov writes:

Isabella

I am still stranded in Oxford. Hopefully I will get home tomorrow. I will let you and Cindy know when we reschedule.

Pam 1

From: |Trussell@aol.com <|Trussell@aol.com>
Sent: Wednesday, January 29, 2014 9:06:48 PM

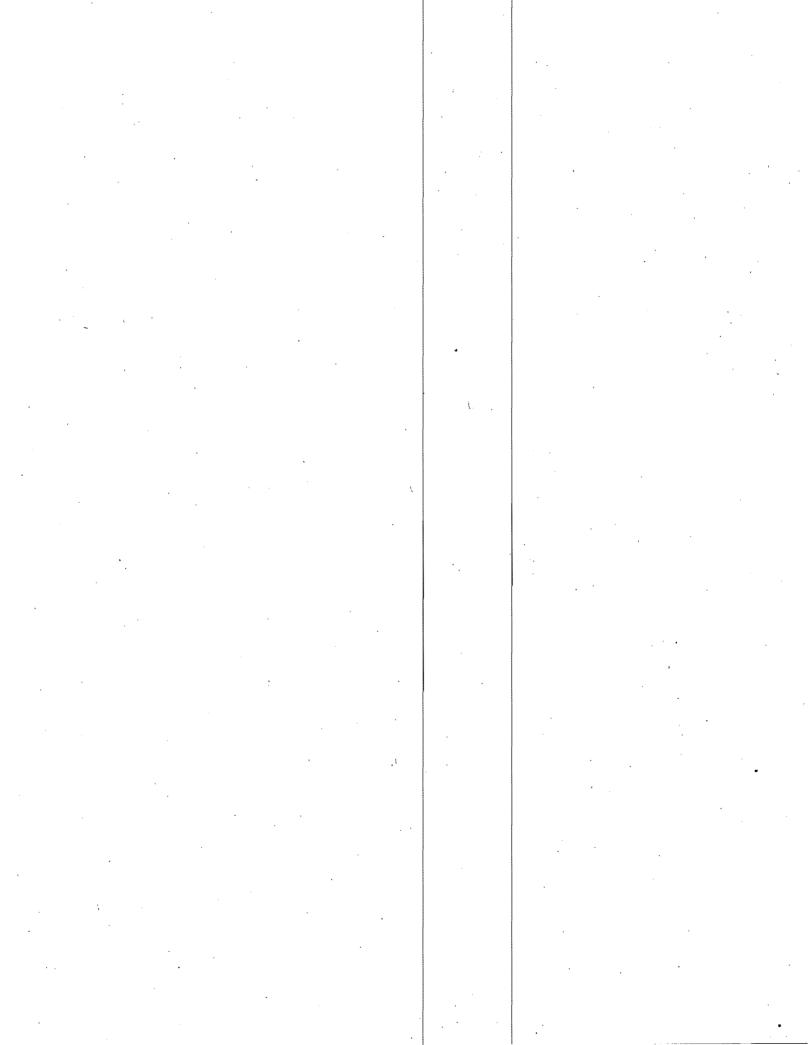
To: Scully, Pam

Subject: OU4 HHRA meeting

Pam,

Will the canceled meeting be rescheduled? If so, please let me, or better yet, Cindy, know.

Thanks and hope you didn't get stranded by the snow. I suspect you did, in some fashion or other.



From:

Koporec, Kevin

Sent:

Friday, January 31, 2014 1:49 PM

To:

ITrussell@aol.com

Cc:

Scully, Pam; Walsh, Jim; Tim Woods

Subject:

RE: OU-4 Factsheet - Human Health Risk Assessment

Follow Up Flag:

Follow up

Flag Status:

Completed

Isabella.

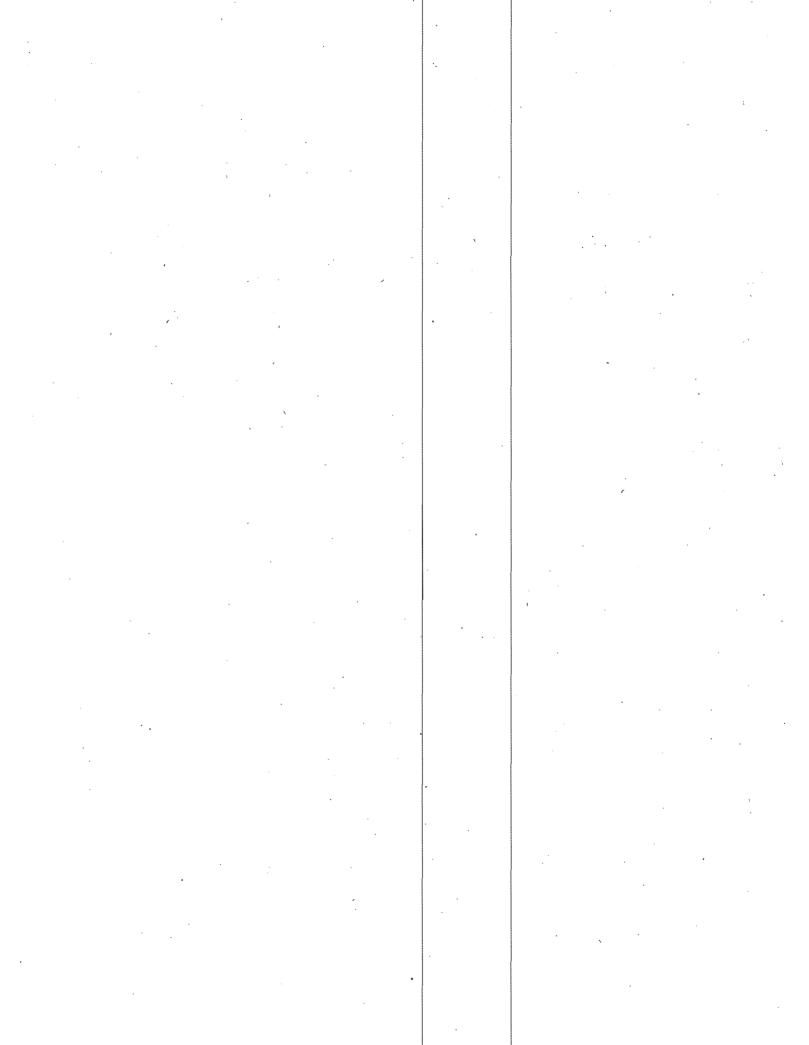
At the CAG meeting on 1/27, you asked us about the concentrations and health risk from contaminants in the water in Choccolocco Creek. Now that I am back in the office, I have had a chance to look up this information in the human health risk assessment.

For the human-surface-water exposure pathway, we performed a risk-based screening of the PCBs and other constituents that were detected in the water samples. This screening was based on recreational exposure as we would assume for individuals fishing/boating/wading in the creek. We assumed this exposure to occur 2 times per week, 52 weeks per year, for 30 years. This conservative screening showed the risks from these contaminants in surface water to be low- within our target cancer risk range, and also low relative to the estimated health risks from regularly eating the fish from the creek. The maximum measured concentrations of the constituents with the highest risks from this screening (PCBs, chromium) were also both below each of their EPA drinking water standards.

Based on this screening procedure, we did not quantitatively evaluate the direct contact with surface water pathway as we did for fish ingestion.

Feel free to contact me directly via phone (404-562-8644) or email (koporec.kevin@epa.gov) if you have any further questions on this or other aspects of the human health risk assessment. Pam Scully is working on rescheduling the risk assessment public meeting at the Oxford civic center that had to be canceled this week due to the weather, so we would be happy to discuss at that time any questions you may have as well.

Kevin Koporec Superfund Support Branch USEPA Region 4 404/562-8644



From:

Shirley Carter <msabccarter@yahoo.com>

Sent:

Monday, February 03, 2014 3:23 PM

To:

Scully, Pam

Subject:

consent decree

Follow Up Flag:

Follow up

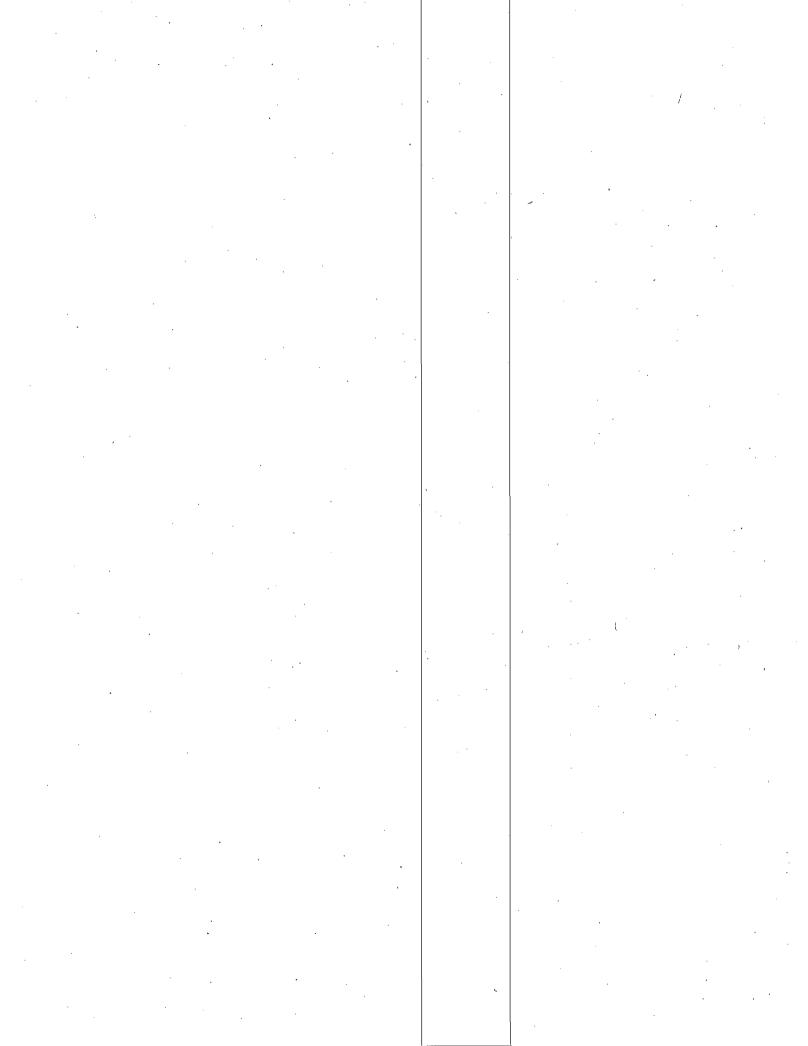
Flag Status:

Completed

Pam

Is there any way possible that you could send me an electronic copy of the consent decree I went on the epa site but could not find the link or send me the link pls.

Thanks Shirley



From:

Scully, Pam

Sent:

Monday, February 03, 2014 7:48 PM

To:

Shirley Carter

Subject:

Re: consent decree

Follow Up Flag:

Follow up

Flag Status:

Completed

Are you looking for the 2003 cd for the whole sitE investigation or the 2013 cd for ou3?

From: Shirley Carter <msabccarter@yahoo.com> Sent: Monday, February 03, 2014 3:22:38 PM

To: Scully, Pam

Subject: consent decree

Pam

Is there any way possible that you could send me an electronic copy of the consent decree I went on the epa site but could not find the link or send me the link pls.

Thanks Shirley

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From:

Shirley Carter <msabccarter@yahoo.com>

Sent:

Monday, February 03, 2014 10:14 PM

To:

Scully, Pam

Subject:

Re: consent decree

Follow Up Flag:

Flag Status:

Follow up Completed

the whole site cd

thanks shirley

On Monday, February 3, 2014 6:47 PM, "Scully, Pam" <scully.pam@epa.gov> wrote:

Are you looking for the 2003 cd for the whole sitE investigation or the 2013 cd for ou3?

From: Shirley Carter <msabccarter@yahoo.com> Sent: Monday, February 03, 2014 3:22:38 PM

To: Scully, Pam-

Subject: consent decree

Pam

Is there any way possible that you could send me an electronic copy of the consent decree I went on the epa site but could not find the link or send me the link pls.

Thanks Shirley

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From:

Scully, Pam

Sent:

Friday, February 14, 2014 11:23 AM

To:

ITrussell@aol.com

Subject:

RE: OU4 HHRA meeting

Follow Up Flag:

Follow up

Flag Status:

Completed

The meeting is being rescheduled for March 6 at 6 pm at the Oxford Civic Center. Hope to see you there.

From: ITrussell@aol.com [mailto:ITrussell@aol.com]

Sent: Wednesday, January 29, 2014 9:07 PM

To: Scully, Pam

Subject: OU4 HHRA meeting

Pam.

Will the canceled meeting be rescheduled? If so, please let me, or better yet, Cindy, know.

Thanks and hope you didn't get stranded by the snow. I suspect you did, in some fashion or other.

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From:	ITrussell@aol.c	om '			٠.
Sent:	Sunday, Februa	ary 16, 2014 10:3	31 AM		
То:	Scully, Pam				•
Cc:	cag_cd@annist				, .
Subject:	Re: OU4 HHRA	meeting			
Follow Up Flag:	Follow up				
Flag Status:	Completed		•		
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Pam,			•		*
Thanks for the info. Have p	assed it along to thos	e I think might b	e interested.		
Isabella	* .				•
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In a message dated 2/14/20	014-10:23:25 A.M. Cer	ntral Standard T	ime, scully.pam@e	pa.gov writes:	
The meeting is being resch	eduled for March 6 a	t 6 nm at the Ox	oford Civic Center 1	Hane to see your	there
The meeting is being resen	caulca for March o a	to pin at the or	dord civic center.	Tope to see you	more.
From: ITrussell@aol.com		com]		•	•
Sent: Wednesday, January	/ 29, 2014 9:07 PM		*	• •	
To: Scully, Pam Subject: OU4 HHRA meet	ina				
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Pam,				•	
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Isabella		•		•	
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From:

Shirley Carter < msabccarter@yahoo.com>

Sent:

Sunday, February 23, 2014 9:37 PM

To:

Scully, Pam

Subject:

Institutional control presentation

Follow Up Flag:

Follow up

Flag Status:

Completed

Pam

We have started our IC meetings and We would like for you or a rep from epa to give us a presentation on applicable IC's to the Anniston PCB site. We would like to understand exactly what type of IC's Solutia is responsible for, I guess the criteria that applies to the site. We would also like to know how EPA is monitoring the Interim IC's that Solutia is currently providing to the site. WE have two dates March 31 or April 7 would either of those days work for you, the time is what would be best for you.

Thanks

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From:

Scully, Pam

Sent:

Monday, February 24, 2014 7:06 AM

To:

Shirley Carter

Subject:

RE: Institutional control presentation

Follow Up Flag:

Follow up

Flag Status:

Completed

Shirley,

I wasn't aware of any IC meetings. What are we meeting about on March 6th? The site attorney has given the IC talks in the past, so I will need to tell him a little more about what you expect from the meetings. Can you give me any more information or do you want him to talk generically about ICs?

Pam

From: Shirley Carter [mailto:msabccarter@yahoo.com]

Sent: Sunday, February 23, 2014 9:37 PM

To: Scully, Pam

Subject: Institutional control presentation

Pam

We have started our IC meetings and We would like for you or a rep from epa to give us a presentation on applicable IC's to the Anniston PCB site. We would like to understand exactly what type of IC's Solutia is responsible for, I guess the criteria that applies to the site. We would also like to know how EPA is monitoring the Interim IC's that Solutia is currently providing to the site. WE have two dates March 31 or April 7 would either of those days work for you, the time is what would be best for you.

Thanks

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From:

Shirley Carter < msabccarter@yahoo.com>

Sent:

Monday, February 24, 2014 8:18-AM

To:

Scully, Pam

Subject:

Re: Institutional control presentation

Follow Up Flag:

Follow up

Flag Status:

Completed

The institutional control committee for the cag is starting to have meetings with different stakeholders so that we can get an understanding of exactly what IC's are and what would be best for Anniston. I am not sure what you are talking about on the 6 I asked Gail to do a presentation to the committee from Solutia. I was not aware she had asked you to come. I wanted to do this separately so we could get information from all parties involved. I plan on having several meetings throughout the year with all stakeholders involved in the site and different times then a combined meeting later in the year to discuss all the information gathered so just generically speaking about IC's would be good and basically to answer any question we may have. By the way do you know of an independent consultant we could ask about IC's. We are basically trying to get a clear understanding of IC's and then we will go from there. I would prefer it if you all EPA would do a separate meeting if possible. Don't want too many things thrown at us at one time.

Thanks

Shirley

Chair IC Committee

On Monday, February 24, 2014 6:05 AM, "Scully, Pam" <scully.pam@epa.gov> wrote:

Shirley.

I wasn't aware of any IC meetings. What are we meeting about on March 6th? The site attorney has given the IC talks in the past, so I will need to tell him a little more about what you expect from the meetings. Can you give me any more information or do you want him to talk generically about ICs?

Pam

From: Shirley Carter [mailto:msabccarter@yahoo.com]

Sent: Sunday, February 23, 2014 9:37 PM

To: Scully, Pam

Subject: Institutional control presentation

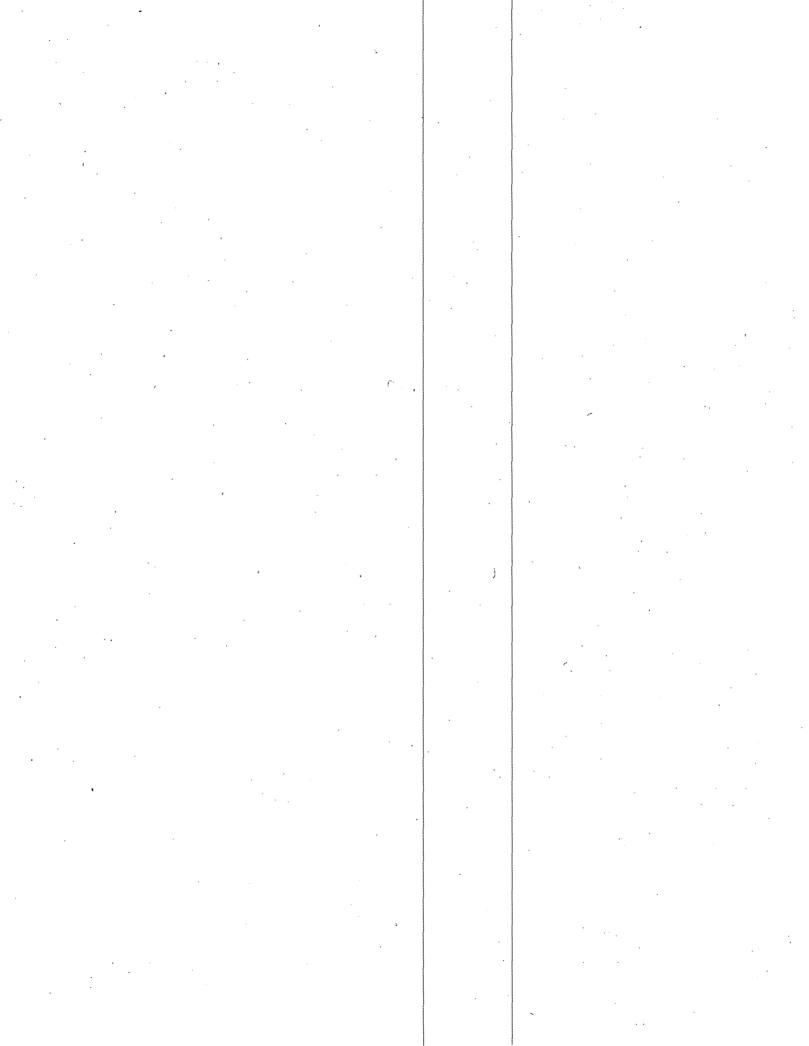
Pam

We have started our IC meetings and We would like for you or a rep from epa to give us a presentation on applicable IC's to the Anniston PCB site. We would like to understand exactly what type of IC's Solutia is responsible for, I guess the criteria that applies to the site. We would also like to know how EPA is monitoring the Interim IC's that Solutia is currently providing to the site. WE have two dates March 31 or April 7 would either of those days work for you, the time is what would be best for you.

Thanks

Shirley Carter,

Chair of IC Committee



From:

Scully, Pam

Sent:

Monday, February 24, 2014 8:26 AM

To: Cc:

Shirley Carter Tanasijevich, Rudy

Subject:

RE: Institutional control presentation

Follow Up Flag:

Follow up

Flag Status:

Completed

I will check with Rudy Tanasijevich about his availability. The Technical Advisor is supposed to be your resource to consult about ICs, Shirley. I am not aware of any other consultants you could contact. You might want to network with other CAGs or talk to Stephanie about it.

From: Shirley Carter [mailto:msabccarter@yahoo.com]

Sent: Monday, February 24, 2014 8:18 AM

To: Scully, Pam

Subject: Re: Institutional control presentation

The institutional control committee for the cag is starting to have meetings with different stakeholders so that we can get an understanding of exactly what IC's are and what would be best for Anniston. I am not sure what you are talking about on the 6 I asked Gail to do a presentation to the committee from Solutia. I was not aware she had asked you to come. I wanted to do this separately so we could get information from all parties involved. I plan on having several meetings throughout the year with all stakeholders involved in the site and different times then a combined meeting later in the year to discuss all the information gathered so just generically speaking about IC's would be good and basically to answer any question we may have. By the way do you know of an independent consultant we could ask about IC's. We are basically trying to get a clear understanding of IC's and then we will go from there. I would prefer it if you all EPA would do a separate meeting if possible. Don't want too many things thrown at us at one time.

Thanks

Shirlev

Chair IC Committee

On Monday, February 24, 2014 6:05 AM, "Scully, Pam" < scully.pam@epa.gov> wrote:

Shirley,

I wasn't aware of any IC meetings. What are we meeting about on March 6th? The site attorney has given the IC talks in the past, so I will need to tell him a little more about what you expect from the meetings. Can you give me any more information or do you want him to talk generically about ICs? Pam

From: Shirley Carter [mailto:msabccarter@yahoo.com]

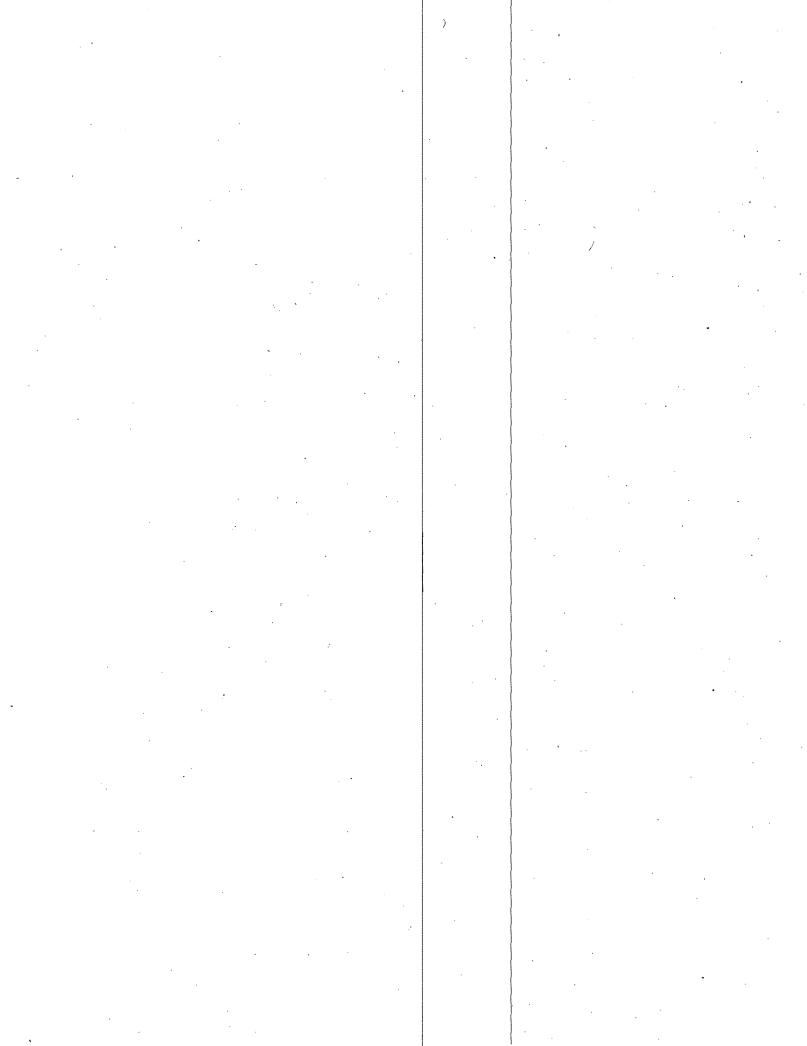
Sent: Sunday, February 23, 2014 9:37 PM

To: Scully, Pam

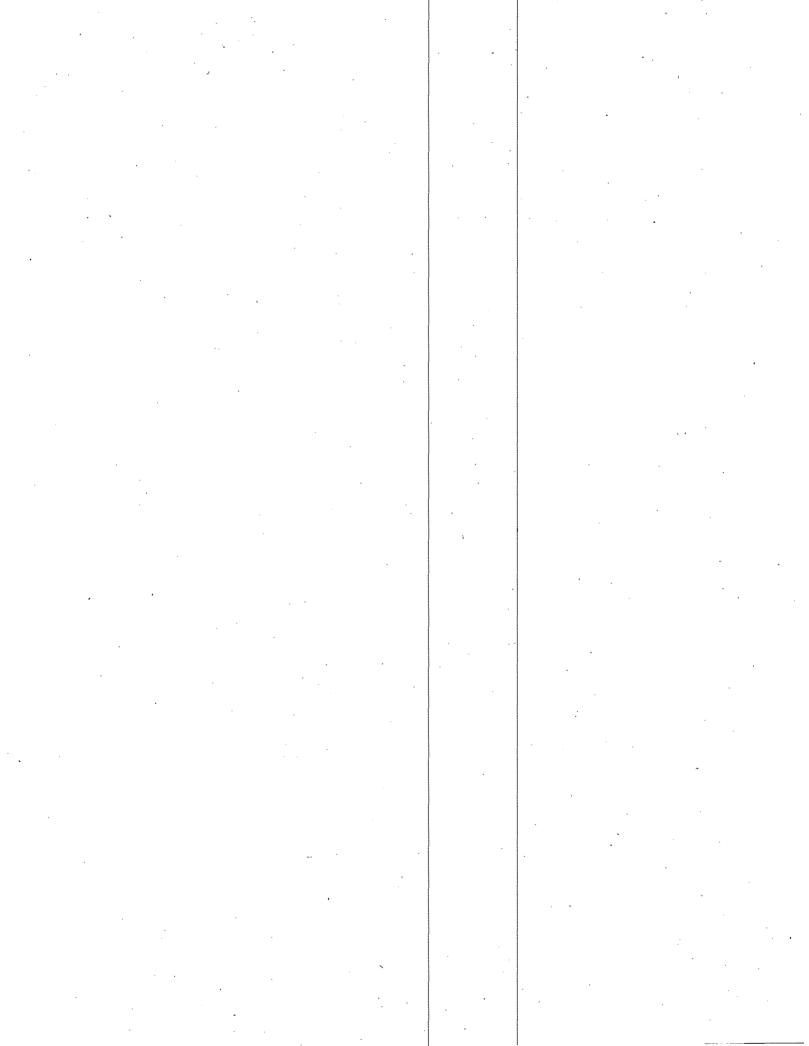
Subject: Institutional control presentation

Pam

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know how EPA is monitoring the Interim IC's that Solutia is currently providing to the site. WE have two dates March 31 or April 7 would either of those days work for you, the time is what would be best for you. Thanks



From:

Shirley Carter <msabccarter@yahoo.com>

Sent:

Monday, February 24, 2014 8:29 AM

To:

Scully, Pam

Subject:

Re: Institutional control presentation

Follow Up Flag: Flag Status:

Follow up Completed

Ok thanks

On Monday, February 24, 2014 7:26 AM, "Scully, Pam" <scully.pam@epa.gov> wrote:

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Sent: Sunday, February 23, 2014 9:37 PM

To: Scully, Pam

Subject: Institutional control presentation

Pam

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Shirley Carter, Chair of IC Committee

Thanks

.

From:

Scully, Pam

Sent:

Monday, February 24, 2014 10:41 AM

To: Cc: Shirley Carter Brown, Stephanie

Subject:

RE: Institutional control presentation

Follow Up Flag:

Follow up

Flag Status:

Completed

Shirley,

Stephanie is out sick today, but I will talk to her about this when she returns to the office.

Pam

From: Shirley Carter [mailto:msabccarter@yahoo.com]

Sent: Monday, February 24, 2014 8:29 AM

To: Scully, Pam

Subject: Re: Institutional control presentation

Ok thanks

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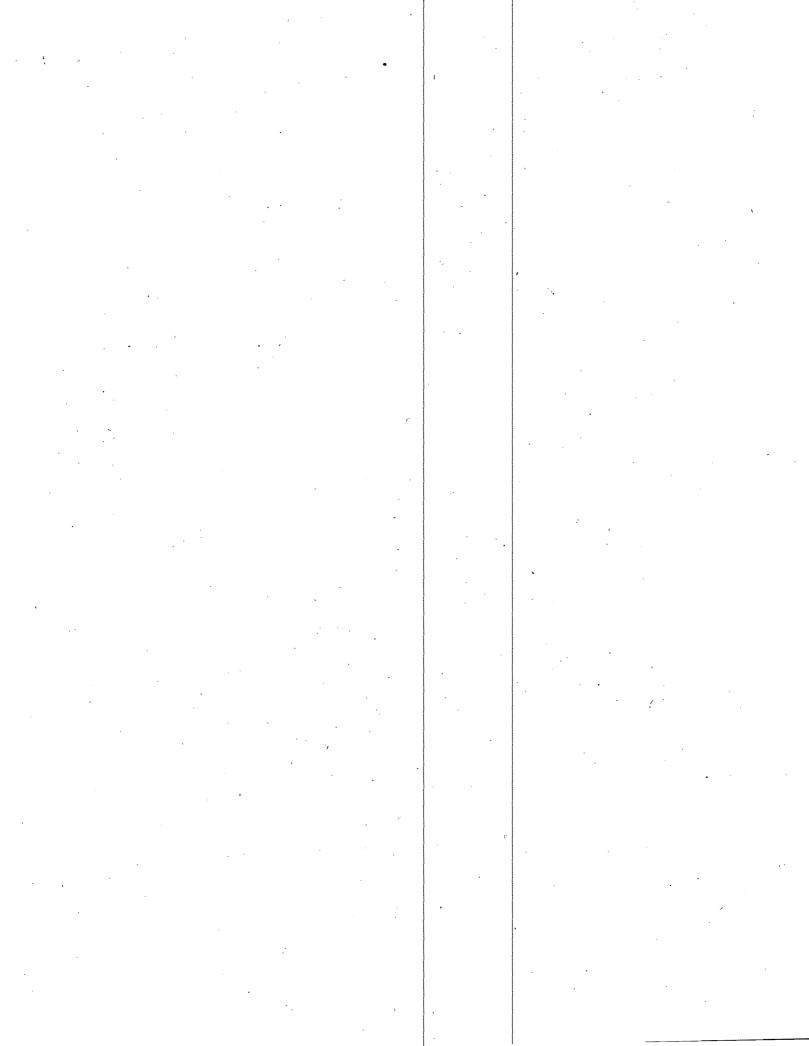
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Pam

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Sent: Sunday, February 23, 2014 9:37 PM

To: Scully, Pam

Subject: Institutional control presentation

Pam

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From:

Community Advisory Group <cag_cd@annistoncag.org>

Sent:

Monday, March 10, 2014 8:15 AM

To:

CAG CD

Subject:

CAG Community Meeting Proposed Agenda

Attachments:

CAG_Agenda March 2014.doc

Follow Up Flag:

Follow up

Flag Status: -

Completed

Good Morning,

CAG's proposed agenda is attached. I hope you all have a wonderful week.

Cindy

Cynthia Calix

Administrator Community Advisory Group For The Consent Decree 1812 Wilmer Avenue

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Suite B

Anniston, AL 36201

Voice: 256*741*1429 FAX: 256*741*3224

Website: www.annistoncag.org

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Community Advisory Group

for the Consent Decree

David Baker

Community Against Pollution CAG-CD Chairman

Walter Frazier

Oxford Resident CAG-CD Vice Chairman

Maudine Holloway

West Anniston Resident CAG-CD Secretary

Kay Beard

West Anniston Resident CAG-CD Treasurer

Dr. Barbara Boyd

West Anniston Resident

Shirley Carter

Mothers and Daughters Protecting Children's Health

Elaine Emory

West Anniston Resident

Mary Johnson

Oxford Resident

Robert A. Pyles

Hobson City Resident

David Reddick

West Anniston Resident

Isabella Trussell

Logan Martin Lake Protection Assoc.

Frank Chitwood

Alternate

IN MEMORIAM

Andrew Bowie

West Anniston Resident

Dr. N. Q. Reynolds

James Hall

AGENDA

17 March 2014 Carver Community Center 720 West 14th Street Anniston, AL 36201 5:30 P.M.

- 1. Call to Order
- 2. Invocation
- 3. Introduction of new Board Members
- 4. Approval of Today's Agenda and Minutes from January Meeting
- 5. Financial Report CAG 2014 Budget
- 6. Updates
 - Institutional Controls Committee
 - EPA
 - Solutia
 - Technical Advisor
 - CAG Chairperson

7. Community Comments and Questions

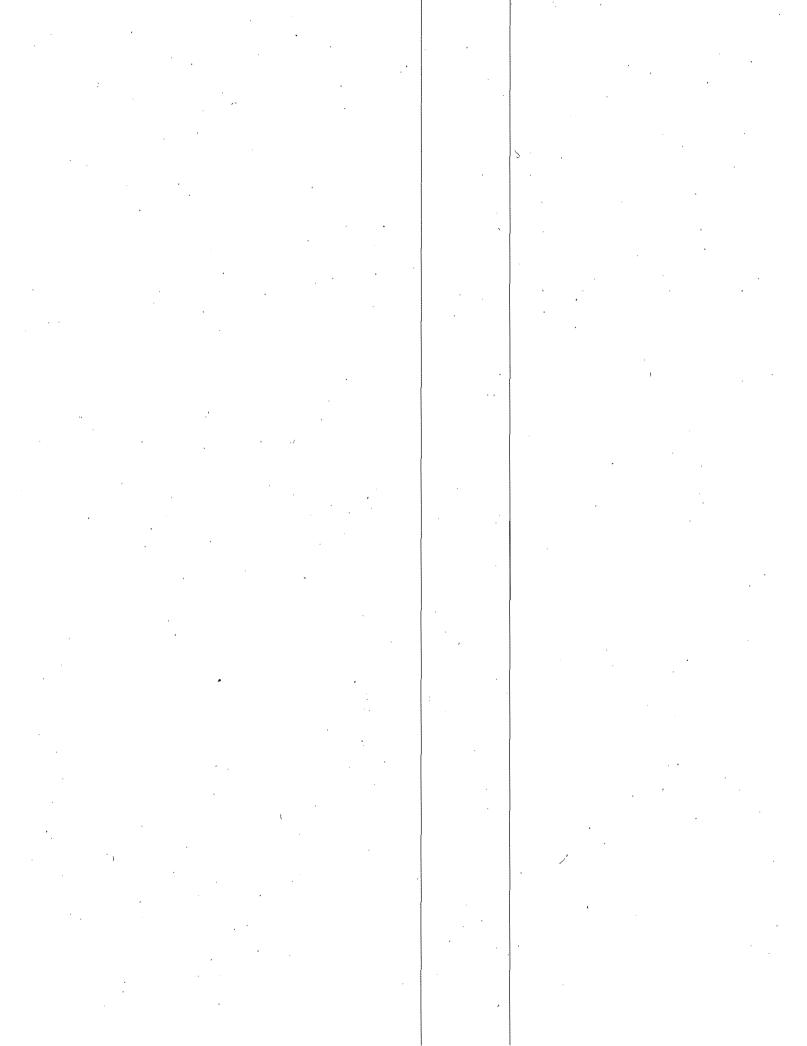
Next Meeting Date: May 19, 2014

Carver Community Center

Adjourn

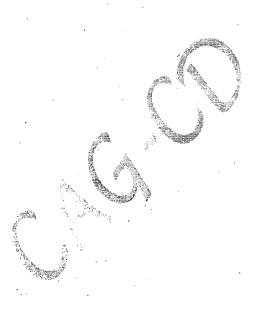
1812 Wilmer Ave., Suite B~ Anniston, Alabama 36201

Tel: (256) 741-1429 Website: www.annistoncag.org

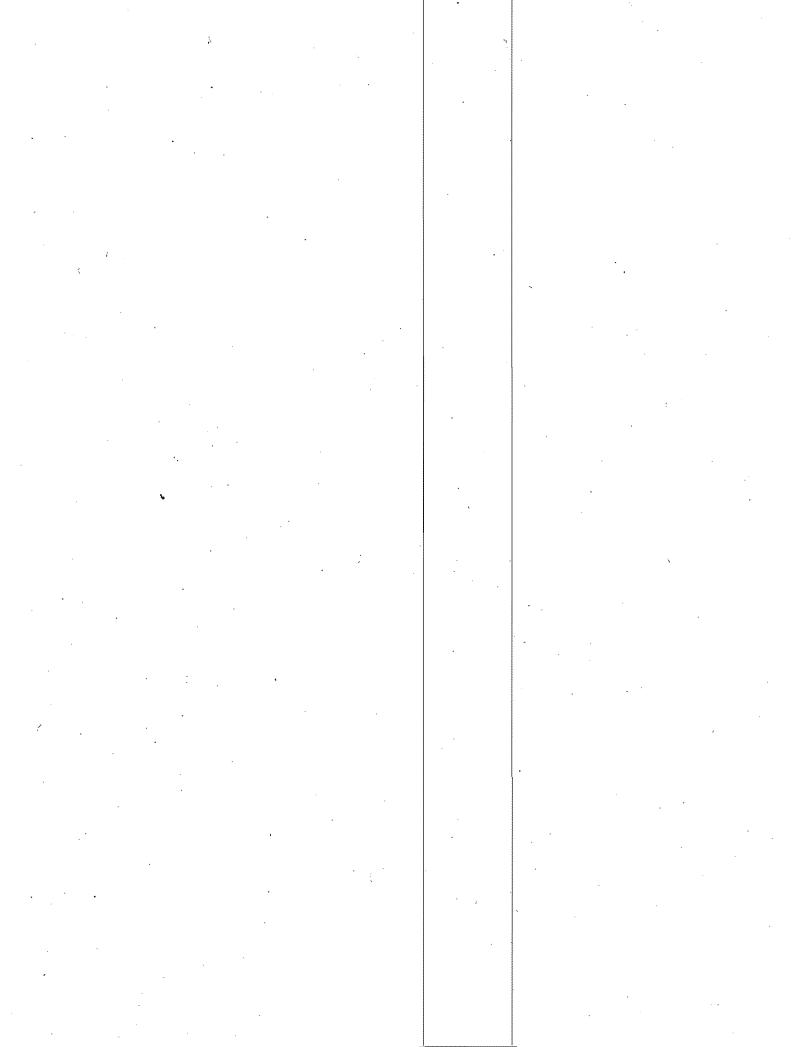




Community Advisory Group for the Consent Decree



1812 Wilmer Ave., Suite B~ Anniston, Alabama 36201 Tel: (256) 741-1429 Website: www.annistoncag.org



From:

ITrussell@aol.com

Sent:

Thursday, March 13, 2014 11:56 AM

To:

Scully, Pam

Subject:

2012 complete 303(d) list

Follow Up Flag:

Follow up

Flag Status:

Completed

Pam,

Here is the web address for the complete 303(d) list for 2012. Choccolocco is included.

http://www.adem.state.al.us/programs/water/wquality/2012AL303dList.pdf

The draft 2014 303(d) is also on ADEM's web site.

Isabella

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From:

Scully, Pam

Sent:

Friday, March 14, 2014 9:43 AM

To:

ITrussell@aol.com

Subject:

RE: 2012 complete 303(d) list

Follow Up Flag:

Follow up

Flag Status:

Completed

Isabella,

Thanks. I was more concerned about the Depart of Health Fish Advisory page for 2013. I will let you know what I find out. http://www.adph.org/tox/index.asp?ID=1360

Pam

From: ITrussell@aol.com [mailto:ITrussell@aol.com]

Sent: Thursday, March 13, 2014 11:56 AM

To: Scully, Pam

Subject: 2012 complete 303(d) list

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Isabella

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From:

ITrussell@aol.com

Sent:

Friday, March 14, 2014 4:33 PM

To:

Scully, Pam

Subject:

Re: 2012 complete 303(d) list

Follow Up Flag:

Follow up

Flag Status:

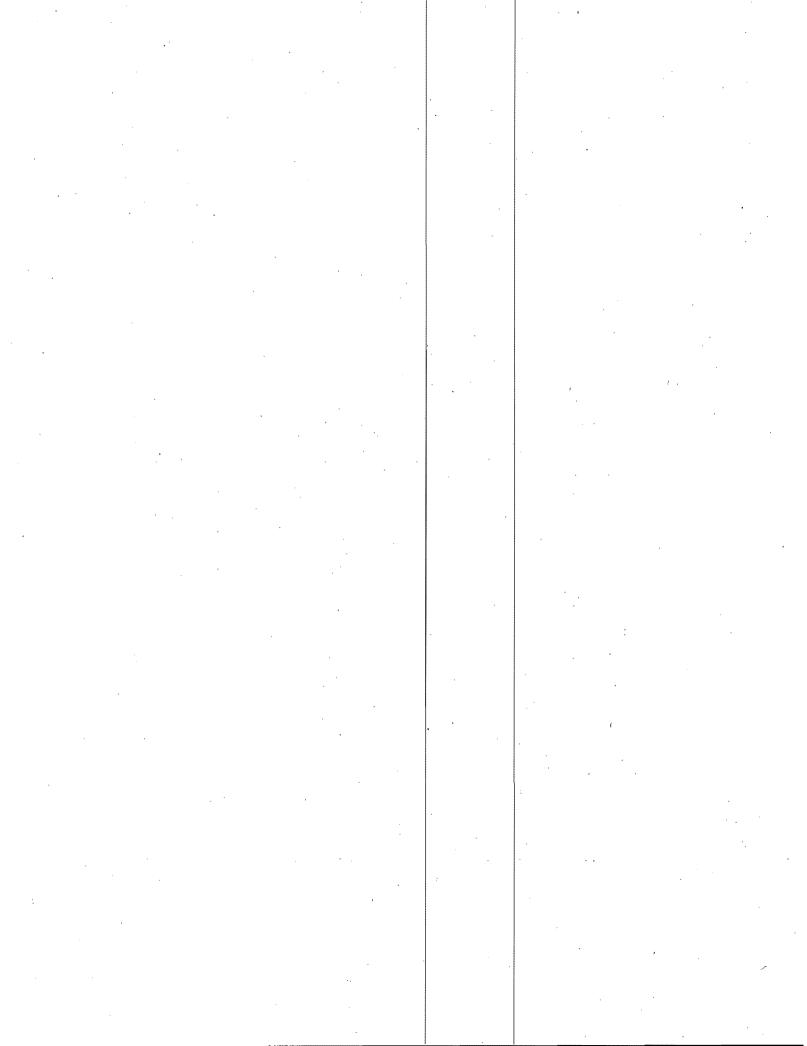
Completed

I see what you mean. I submitted an email to ADPH to request they include all waters with fish advisories for 2014 and even better, update the 2013 list to include all advisories, mentioning that one assumes if no advisory is listed, then any prior year advisory had been lifted. We'll see what happens.

Isabella

In a message dated 3/14/2014 8:43:08 A.M. Central Daylight Time, scully.pam@epa.gov writes:

http://www.adph.org/tox/index.asp?ID=1360



From:

Shirley Carter <msabccarter@yahoo.com>

Sent:

Friday, March 28, 2014 6:52 AM

To:

carterbill111; tesmith; kmason; jsu5380m; msabccarter; cwalls; Effie;

neil_carman@greenbuilder.com; brianleeholtzclaw; Felicia Bailey; JRHamilton; WAHAHR; WAHAR; Gratkelvin; brookfirmstores009; mshepherd; brookfirmstores009; WET1; WETI;

Scully, Pam

Subject:

Shirley Carter

Follow Up Flag:

Follow up

Flag Status:

Completed

Breaking news: http://yetkilikombiservis.net/do/gc-news.php

Shirley Carter

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From:

Shirley Carter < msabccarter@yahoo.com>

Sent:

Friday, March 28, 2014 6:51 AM

To:

rlemon; fsh8; WAHASurveys; djones; sdukes; felicia4me2; kallen acef; Scully, Pam;

citizenship; nguyton acef; fstewart; LEBBIE JOHNSON; WestAtHome; tcrawford; mwade;

JANDACRJ; Leonel; gmacolly; home based jobs; Lakesha Chappell

Subject:

Shirley Carter

Follow Up Flag:

Follow up

Flag Status:

Completed

Breaking news: $\underline{http://s.wp\text{-}zhidao.com/tqrw/gc\text{-}news.php}$

Shirley Carter

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From:

Community Advisory Group <cag_cd@annistoncag.org>

Sent:

Thursday, May 01, 2014 2:25 PM

To:

CAG CD

Subject:

CAG CD

Attachments:

CAG Agenda May Meeting CAG Agenda May 2014.doc

Follow Up Flag:

Follow up

Flag Status:

Completed

Good Afternoon,

Proposed Agenda for our May meeting is attached.

Thanks, Cindy

Cynthia Calix

Administrator

Community Advisory Group For The Consent Decree

1812 Wilmer Avenue

Suite B

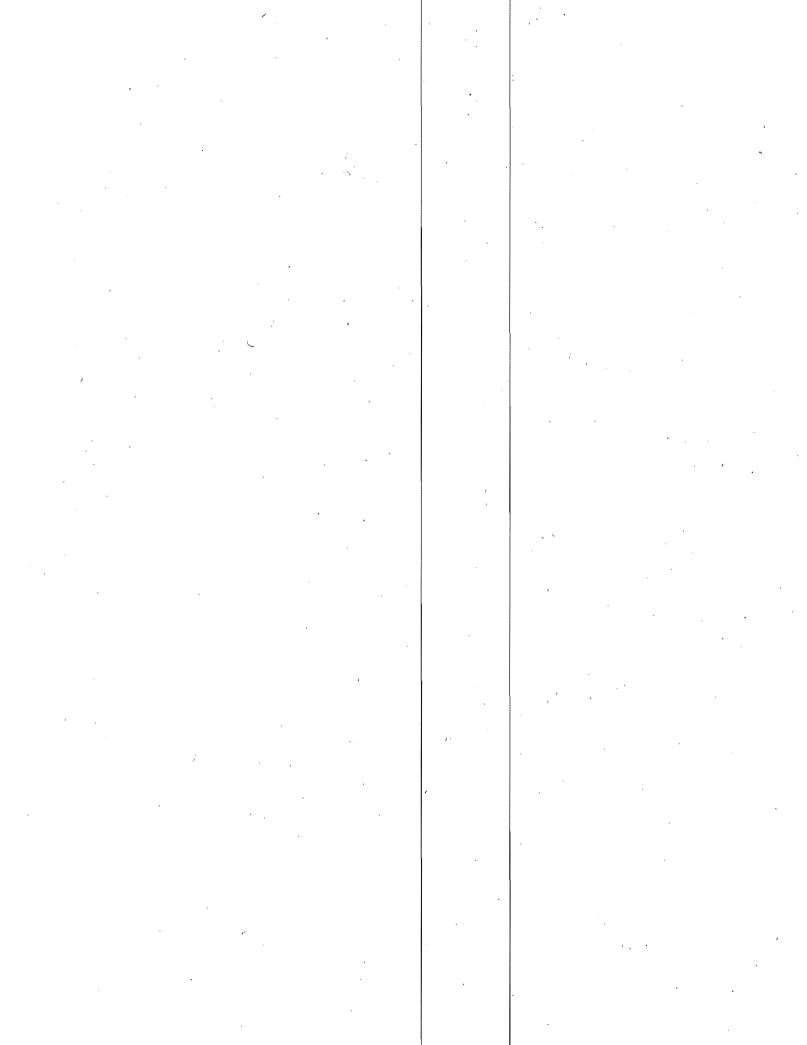
Anniston, AL 36201

Voice: 256*741*1429 FAX: 256*741*3224

AX. 230 /41 3224

Website: www.annistoncaq.org

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Community Advisory Group

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Walter Frazier CAG-CD Vice Chairman

Maudine Holloway CAG-CD Secretary

Kay Beard CAG-CD Treasurer

Dr. Barbara Boyd

Chester Carr Sr.

Shirley Carter

Henry Dorough

Ralph Driskell

Elaine Emory

Dr.C.K. Huguley

Mary Johnson

Robert A. Pyles

David Reddick

David Sumrall

Isabella Trussell

IN MEMORIAM Andrew Bowie West Anniston Resident Dr. N. Q. Reynolds James Hall

AGENDA

19 May 2014
Carver Community Center
720 West 14th Street
Anniston, AL 36201
5:30 P.M.

- 1. Call to Order
- 2. Invocation
- 3. Approval of Today's Agenda and Minutes from March Meeting
- 4. Financial Report
- 5. Updates
 - Institutional Controls Committee
 - EPA
 - Solutia
 - Technical Advisor
 - CAG Chairperson
- 6. Community Comments and Questions

Next Meeting: July 21, 2014
2801 Stemley Bridge Road
Pell City, Alabama

Adjourn

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Community Advisory Group for the Consent Decree



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From:

Community Advisory Group <cag_cd@annistoncag.org>

Sent:

Monday, July 07, 2014 7:11 AM

To:

CAG CD

Subject:

CAG Proposed Agenda

Attachments:

CAG Agenda July 2014.doc

Follow Up Flag:

Follow up

Flag Status:

Completed

Good Morning,

Agenda is attached.

Thanks

Cynthia Calix

Administrator
Community Advisory Group For The Consent Decree
1812 Wilmer Avenue

Suite B

Anniston, AL 36201

Voice: 256*741*1429

FAX: 256*741*3224

Website: www.annistoncag.org

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Community Advisory Group

for the Consent Decree

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Mary Johnson

Robert A. Pyles

David Reddick

David Sumrall

Isabella Trussell

IN MEMORIAM Andrew Bowie West Anniston Resident Dr. N. Q. Reynolds James Hall

AGENDA

July 21, 2014
Pell City Civic Center
2801 Stemley Bridge Road
Pell City, Alabama
5:30 P.M.

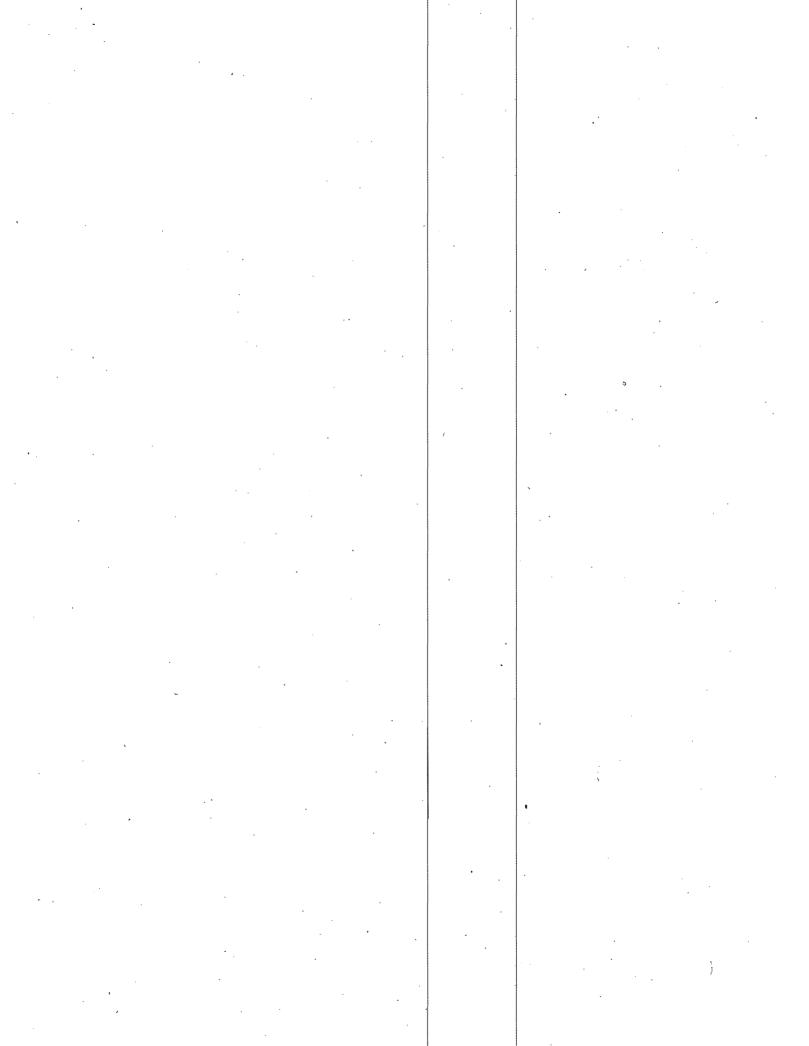
- 1. Call to Order
- 2. Invocation
- 3. Approval of Today's Agenda and Minutes from May Meeting
- 4. Financial Report
- 5. Updates
 - Institutional Controls Committee
 - EPA
 - Solutia
 - Technical Advisor
 - CAG Chairperson
- 6. Community Comments and Questions

Next Meeting: September 15, 2014

Adjourn

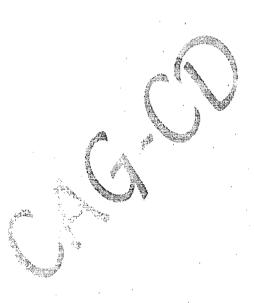
1812 Wilmer Ave., Suite B~ Anniston, Alabama 36201 Tel: (256) 741-1429

Website: www.annistoncag.org





Community Advisory Group for the Consent Decree



. • (.

From:

Shirley Carter <msabccarter@yahoo.com>

Sent:

Tuesday, August 05, 2014 8:40 AM

To:

Scully, Pam

Subject:

demolition list

Follow Up Flag:

Follow up

Flag Status:

Completed

Pam

Please send me the list of the 100 properties that are scheduled for demolition with the responsible parties that you said you could do at the last cag meeting. Thanking you in advance. Shirley

,

From:

Scully, Pam

Sent:

Tuesday, August 05, 2014 9:52 AM

To:

Shirley Carter

Subject:

RE: demolition list

Follow Up Flag:

Follow up

Flag Status:

Completed

Shirley,

I am trying to get the list together and will send to you as soon as possible.

Pam

From: Shirley Carter [mailto:msabccarter@yahoo.com]

Sent: Tuesday, August 05, 2014 8:40 AM

To: Scully, Pam

Subject: demolition list

Pam

Please send me the list of the 100 properties that are scheduled for demolition with the responsible parties that you said you could do at the last cag meeting. Thanking you in advance. Shirley

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From:

Mike Price <mprice@genproject.com>

Sent:

Thursday, August 14, 2014 11:59 AM

To:

Scully, Pam

Subject:

RE: demolition list

Follow Up Flag:

Follow up

Flag Status:

Completed

Pam,

Just to close the loop on this, I believe what Gayle sent to Shirley yesterday, which you were copied on, satisfies this request. Let me know if you are in agreement, or if you think I need to provide additional information.

Thanks, Mike

Michael C. Price Genesis Project, Inc. 1258 Concord Road Smyrna, GA 30080 (770) 319-7217 www.genproject.com

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From: Scully, Pam. [mailto:scully.pam@epa.gov]

Sent: Tuesday, August 05, 2014 8:41 AM

To: Mike Price

Subject: FW: demolition list

Mike can you send me the list Shirley is talking about so that I don't get something different?

From: Shirley Carter [mailto:msabccarter@yahoo.com]

Sent: Tuesday, August 05, 2014 8:40 AM

To: Scully, Pam

Subject: demolition list

Pam

Please send me the list of the 100 properties that are scheduled for demolition with the responsible parties that you said you could do at the last cag meeting. Thanking you in advance. Shirley

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From:

Shirley Carter <msabccarter@yahoo.com>

Sent:

Saturday, August 23, 2014 11:27 AM

To:

Scully, Pam

Subject:

list of demo properties

Follow Up Flag:

Follow up

Flag Status:

Completed

Pam

Have you got the list together yet? How much more time do you need if you don't have it yet?

Thanks

Shirley

From:

Scully, Pam

Sent:

Saturday, August 23, 2014 12:47 PM

To:

Shirley Carter

Subject:

RE: list of demo properties

Follow Up Flag:

Follow up

Flag Status:

Completed

Shirley,

I have a list but haven't had time to check against the database for lead which is the information you need Shirley. I will try to get to it by Tuesday or Wednesday next week.

Pam

Sent from my Windows Phone

From: Shirley Carter

Sent: 8/23/2014 11:27 AM

To: Scully, Pam

Subject: list of demo properties

Pam

Have you got the list together yet? How much more time do you need if you don't have it yet?

Thanks Shirley .

From:

Community Advisory Group <cag_cd@annistoncag.org>

Sent:

Thursday, August 28, 2014 9:53 AM

To:

CAG CD

Subject:

CAG September Meeting Agenda

Attachments:

CAG Agenda September 2014.doc

Follow Up Flag: Flag Status:

Follow up

Completed

Good Morning,

Our September meeting agenda is attached.

Thanks

Cynthia Calix

Administrator Community Advisory Group For The Consent Decree 1812 Wilmer Avenue

Suite B

Anniston, AL 36201

Voice: 256*741*1429 FAX: 256*741*3224

Website: www.annistoncaq.org

Community Advisory Group (CAG) is an advisory group of citizens who exists to serve as a place for the exchange of information and input from the community in the affected area and advise those individuals and organizations charged with carrying out

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the actions described in the Consent Decree in an effective and well-managed manner.

This electronic mail message is intended exclusively for the individual or entity to which it is addressed. This message, together with any attachment, may contain Community Advisory Group For The Consent Decree privileged information. The recipient is hereby put on notice to treat the information as confidential and privileged and to not disclose or use the information except as authorized by Community Advisory Group. Any unauthorized review, printing, forwarding, retention, copying, disclosure, distribution, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited. If you received this message in error, please immediately contact the sender by reply email and delete all copies of the material from any computer. Thank you for your cooperation.

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Community Advisory Group

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CAG-CD Vice Chairman

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Mary Johnson

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David Reddick

David Sumrall

Isabella Trussell

IN MEMORIAM Andrew Bowie West Anniston Resident Dr. N. Q. Reynolds James Hall

AGENDA

September 15, 2014 Carver Community Center 720 West 14th Street Anniston, Alabama 5:30 P.M.

- 1. Call to Order
- 2. Invocation
- 3. Approval of Today's Agenda and Minutes from July Meeting
- 4. Financial Report
- 5. 🌶 Updates
 - Institutional Controls Committee
- EPA
- Solutia
- Technical Advisor
- CAG Chairperson
- 6. Community Comments and Questions

Next Meeting: November 17, 2014

Carver Community Center, Anniston, AL

Adjourn

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Community Advisory Group for the Consent Decree

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From:

Scully, Pam

Sent:

Thursday, August 28, 2014 9:54 AM

To:

Tanasijevich, Rudy; Blair, Carl; Atashi, Neema

Subject:

FW: CAG September Meeting Agenda

Attachments:

CAG Agenda September 2014.doc

Follow Up Flag:

Follow up

Flag Status:

Completed

From: Community Advisory Group [mailto:cag_cd@annistoncag.org]

Sent: Thursday, August 28, 2014 9:53 AM

To: CAG CD

Subject: CAG September Meeting Agenda

Good Morning,

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Thanks

Cynthia Calix

Administrator

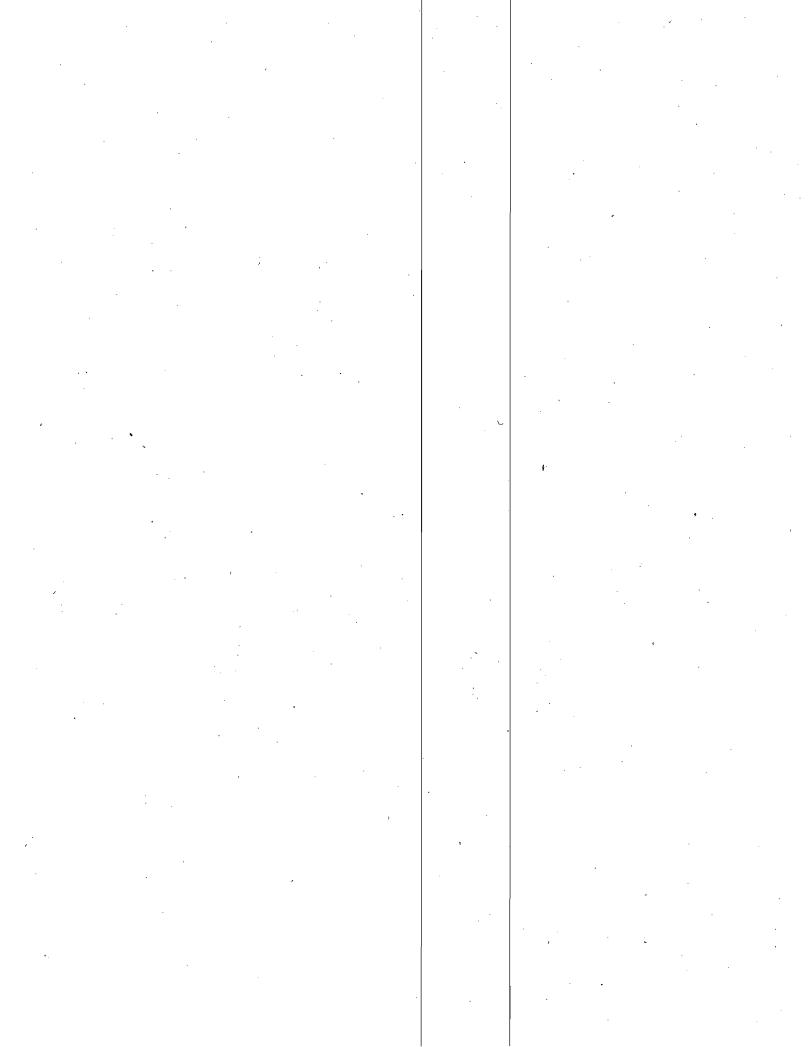
Community Advisory Group For The Consent Decree

1812 Wilmer Avenue

Suite B

Anniston, AL 36201

Voice: 256*741*1429



FAX: 256*741*3224

Website: www.annistoncaq.org

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Next Meeting: November 17, 2014

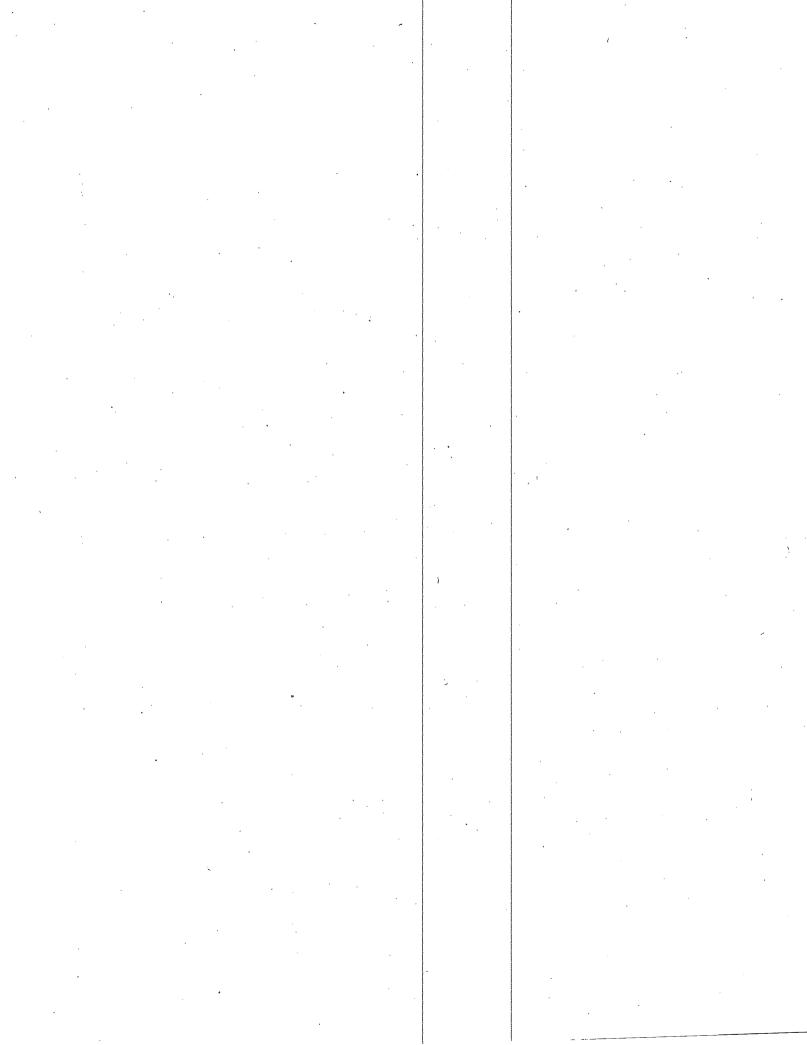
Carver Community Center, Anniston, AL

Adjourn

1812 Wilmer Ave., Suite B~ Anniston, Alabama 36201

Tel: (256) 741-1429

Website: www.annistoncag.org



From:

Scully, Pam

Sent:

Thursday, August 28, 2014 9:54 AM

To:

Tanasijevich, Rudy; Blair, Carl; Atashi, Neema

Subject:

FW: CAG September Meeting Agenda

Attachments:

CAG Agenda September 2014.doc

Follow Up Flag:

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Sent: Thursday, August 28, 2014 9:53 AM

To: CAG CD

Subject: CAG September Meeting Agenda

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Thanks

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Administrator

Community Advisory Group For The Consent Decree

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Anniston, AL 36201

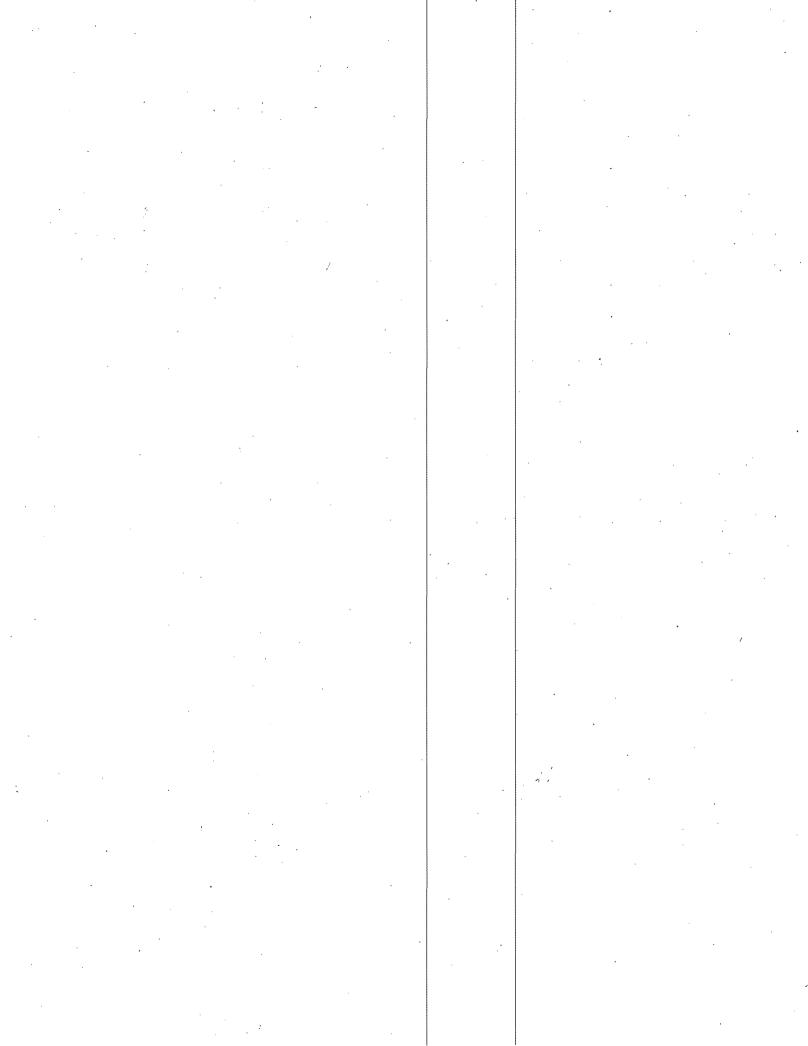
Voice: 256*741*1429

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FAX: 256*741*3224

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IN MEMORIAM Andrew Bowie West Anniston Resident Dr. N. Q. Reynolds James Hall

AGENDA

September 15, 2014 Carver Community Center 720 West 14th Street Anniston, Alabama 5:30 P.M.

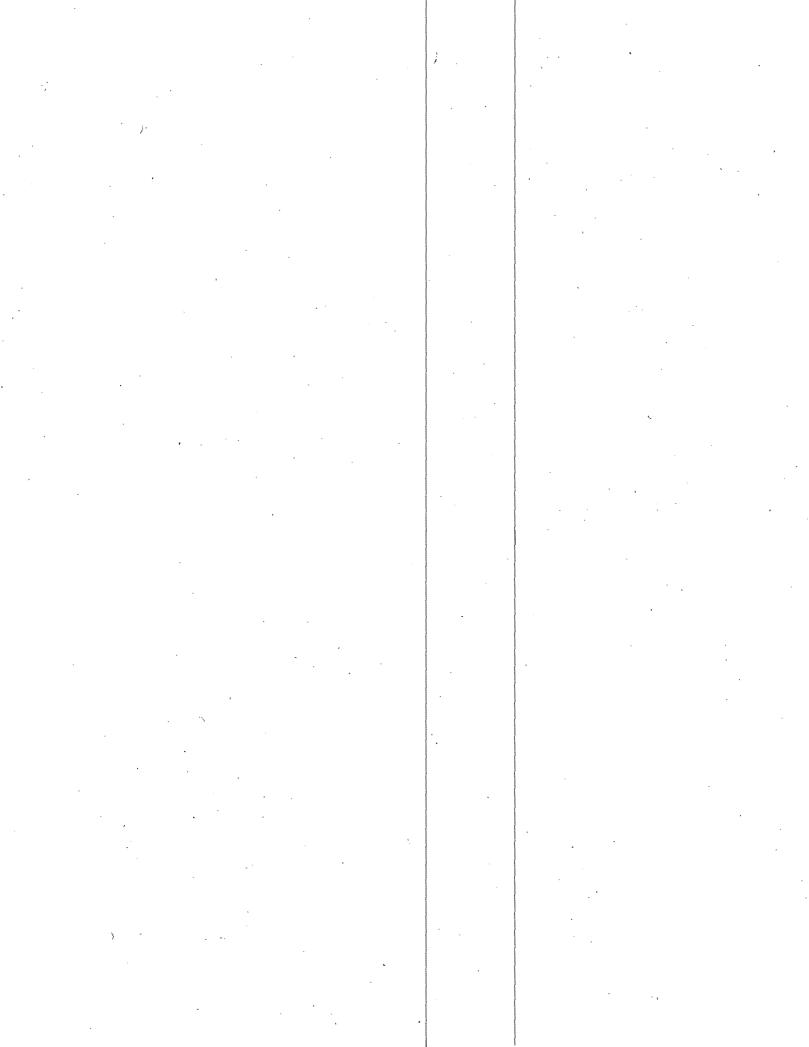
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 - CAG Chairperson
- 6. Community Comments and Questions

Next Meeting: November 17, 2014

Carver Community Center, Anniston, AL

Adjourn

1812 Wilmer Ave., Suite B~ Anniston, Alabama 36201 Tel: (256) 741-1429 Website: www.annistoncag.org



From:

Scully, Pam

Sent:

Thursday, August 28, 2014 4:31 PM

To:

Community Advisory Group

Cc:

Macolly, Gayle

Subject:

September 20th Meeting

Follow Up Flag:

Follow up

Flag Status:

Completed

Cindy,

At the last background meeting we had for the CAG when it first formed, Solutia ordered pizzas and salad from Mata's on 17th street for lunch. Gayle said that Solutia would pay if she got a request from the CAG for something like that. Can you follow up with her? I can pick up some doughnuts for the morning. Do you know how many people will be there? Pam

From:

Community Advisory Group <caq_cd@annistoncaq.org>

Sent:

Tuesday, September 02, 2014 8:56 AM

To:

Scully, Pam

Subject:

Re: September 20th Meeting

Follow Up Flag:

Follow up

Flag Status:

Completed

Good Morning,

I'm not sure, at the moment. Maybe by the 15th I will have a better idea.

Have a great week!

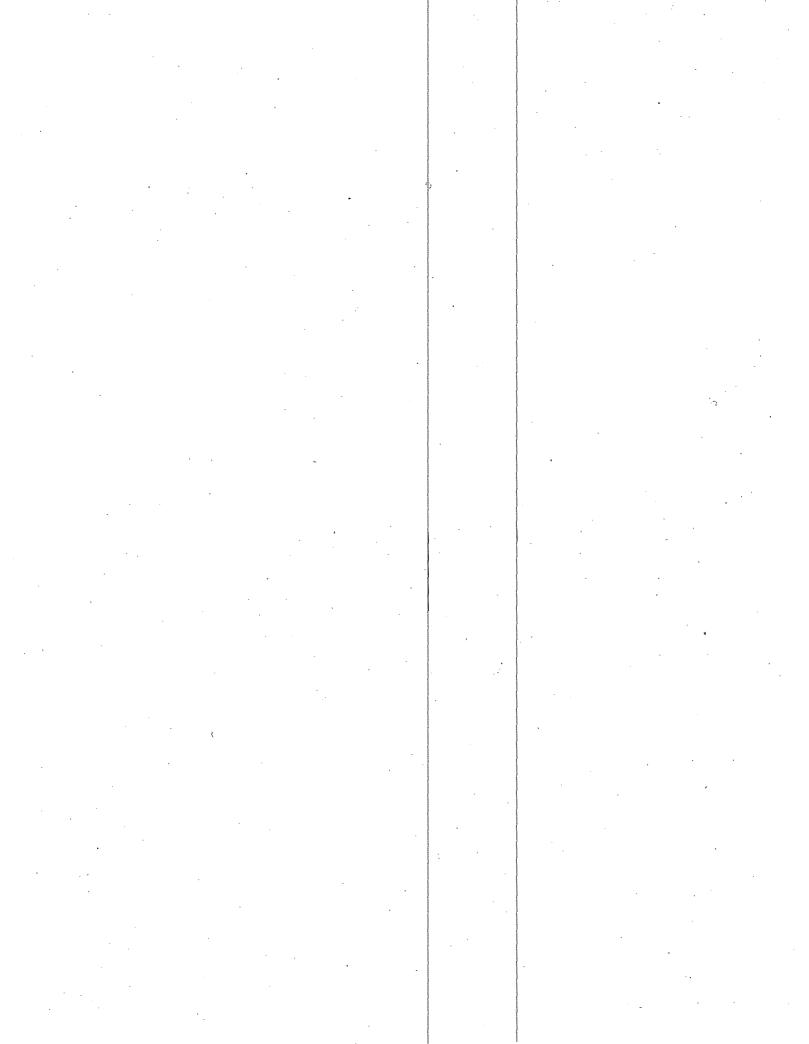
On Thu, Aug 28, 2014 at 3:31 PM, Scully, Pam < scully.pam@epa.gov > wrote:

Cindy,

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Pam

Cynthia Calix



Administrator

Community Advisory Group For The Consent Decree

1812 Wilmer Avenue

Suite B

Anniston, AL 36201

Voice: 256*741*1429 FAX: 256*741*3224

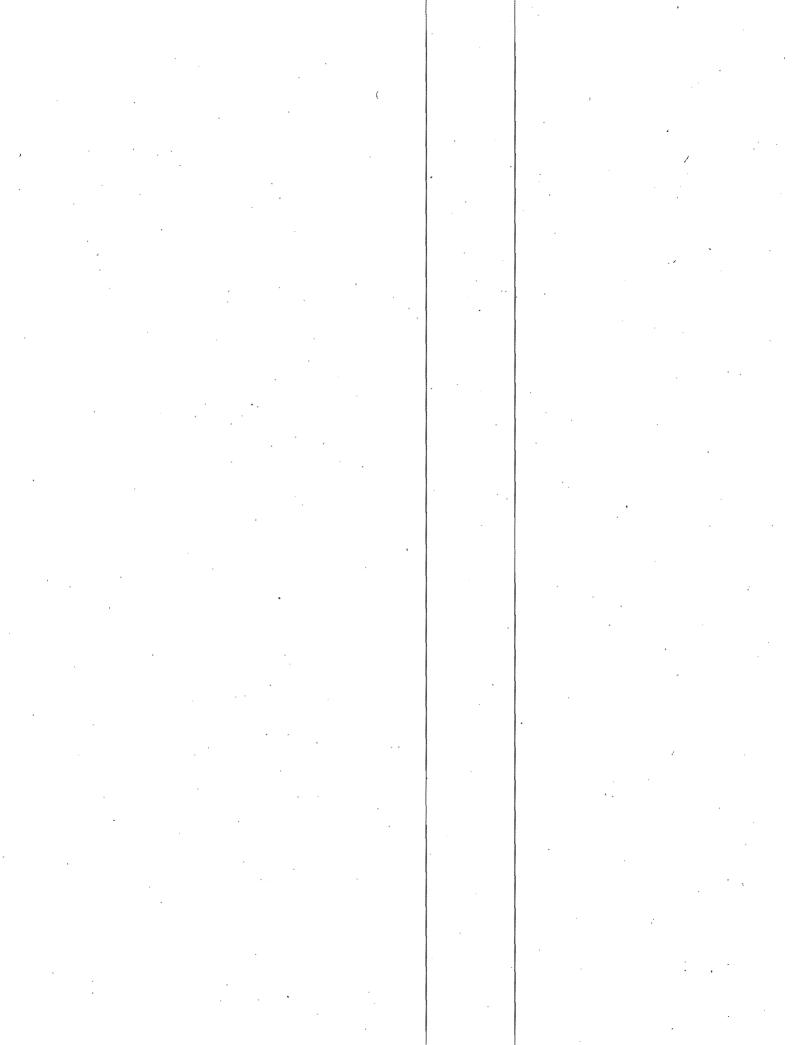
Website: www.annistoncaq.org

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Cindy,

Scully, Pam.	· · · · · · · · · · · · · · · · · · ·	
From: Sent: To: Cc: Subject:	Community Advisory Group <cag_cd@ Tuesday, September 02, 2014 3:24 PM Macolly, Gayle Scully, Pam Re: [I] September 20th Meeting</cag_cd@ 	- -
Follow Up Flag: Flag Status:	Follow up Completed	
Thanks, I w	ill have a more accur	ate number of
members a	ttending by the 15th o	or 16th.
Thanks, Cir	idy	
On Tue, Sep 2, 2014 at	1:31 PM, Macolly, Gayle < egmaco@eastm	nan.com> wrote:
Hi Cindy,		
	lay evening. I could not make out everything yorrange to have pizza and drinks for lunch. Pleas re I get enough.	-
Thank you,		
Gayle		
From: Scully, Pam [mai Sent: Thursday, August To: Community Advison Cc: Macolly, Gayle Subject: [I] September	y Group	· · · · · · · · · · · · · · · · · · ·



At the last background meeting we had for the CAG when it first formed, Solutia ordered pizzas and salad from Mata's on 17th street for lunch. Gayle said that Solutia would pay if she got a request from the CAG for something like that. Can you follow up with her? I can pick up some doughnuts for the morning. Do you know how many people will be there?

Pam

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Community Advisory Group For The Consent Decree
1812 Wilmer Avenue
Suite B
Anniston, AL 36201

Voice: 256*741*1429

FAX: 256*741*3224

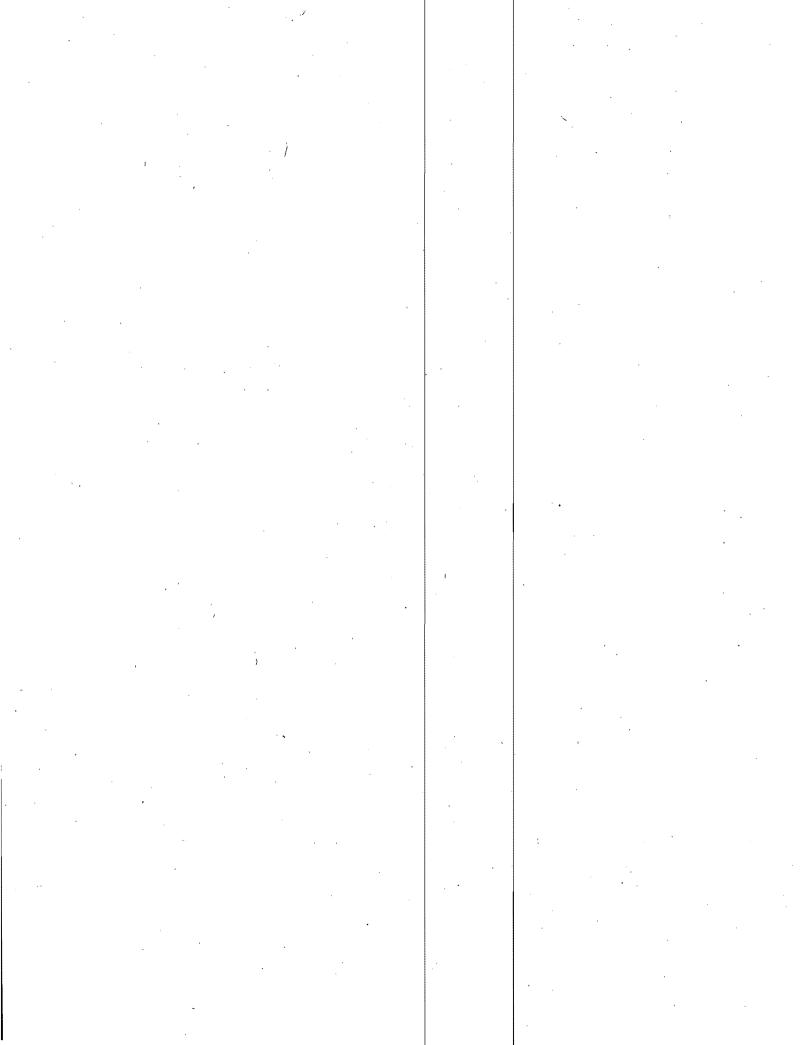
Website: www.annistoncag.org

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than the intended recipient is prohibited. If you received this message in error, please immediately contact the sender by reply email and delete all copies of the material from any computer. Thank you for your cooperation.



From:

Scully, Pam

Sent:

Tuesday, September 09, 2014 10:32 AM

To:

Tanasijevich, Rudy

Subject:

RE: CAG September Meeting Agenda

Follow Up Flag: Flag Status:

Follow up Completed

Shirley and Walt

From: Tanasijevich, Rudy

Sent: Tuesday, September 09, 2014 10:31 AM

To: Scully, Pam

Subject: RE: CAG September Meeting Agenda

What is the IC committee that is on the CAG agenda?

From: Scully, Pam

Sent: Thursday, August 28, 2014 9:54 AM

To: Tanasijevich, Rudy; Blair, Carl; Atashi, Neema Subject: FW: CAG September Meeting Agenda

From: Community Advisory Group [mailto:cag_cd@annistoncag.org]

Sent: Thursday, August 28, 2014 9:53 AM

To: CAG CD

Subject: CAG September Meeting Agenda

Good Morning,

Our September meeting agenda is attached.

Thanks

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Cynthia Calix

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Scully, Pam

Sent:

Tuesday, September 09, 2014 10:32 AM

To:

Tanasijevich, Rudy

Subject:

RE: CAG September Meeting Agenda

Follow Up Flag:

Follow up Completed

Flag Status:

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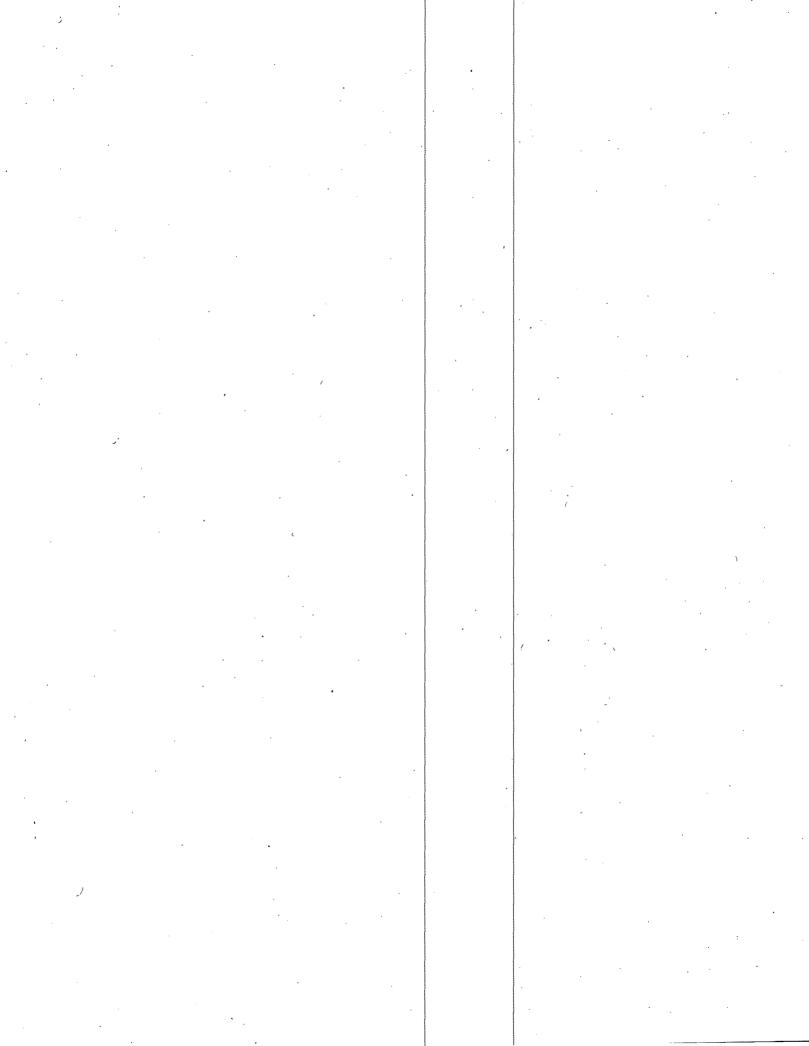
To: CAG CD

Subject: CAG September Meeting Agenda

Good Morning,

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Thanks



Cynthia Calix

Administrator

Community Advisory Group For The Consent Decree

1812 Wilmer Avenue

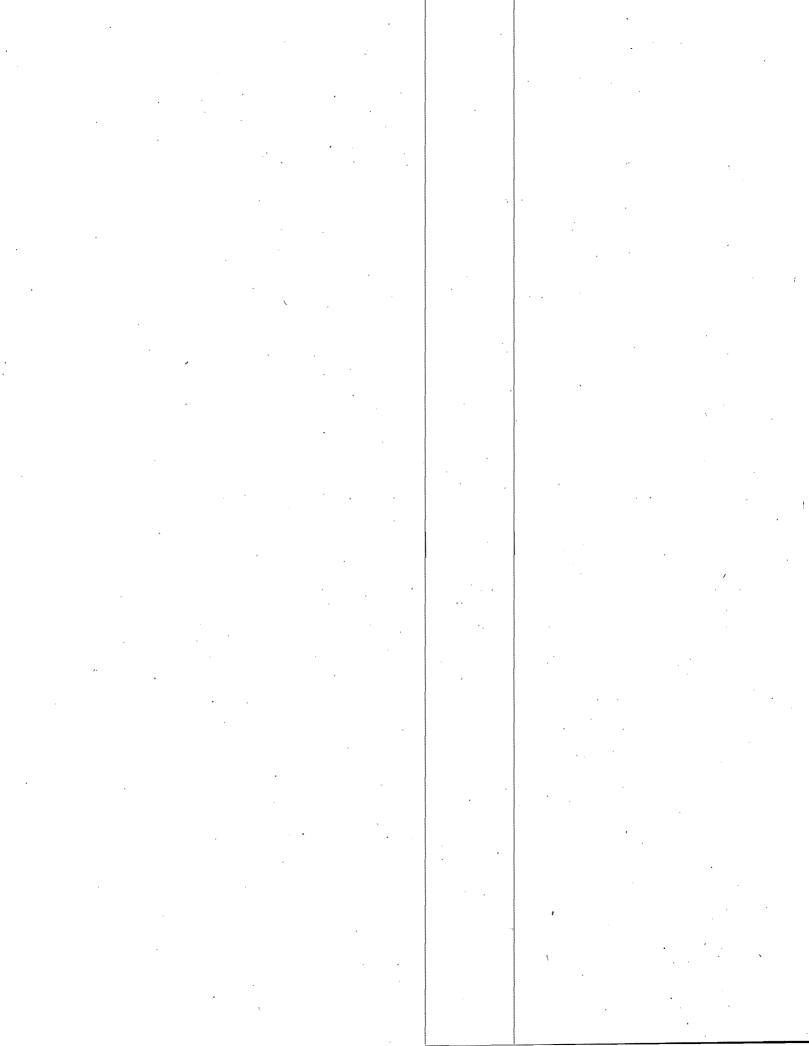
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From:

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Sent:

Tuesday, September 09, 2014 10:31 AM

To:

Scully, Pam

Subject:

RE: CAG September Meeting Agenda

Follow Up Flag:

Follow up

Flag Status:

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From:

Scully, Pam

Sent:

Friday, September 12, 2014 8:56 AM

To:

Shirley Carter

Cc:

Williamson, Carter, Atashi, Neema

Subject:

RE: list of demo properties

Attachments:

Summary of Demolitions.pdf

Follow Up Flag:

Follow up

Flag Status:

Completed

Shirley,

The list of demolition properties is attached. To the right are two columns that provide the status of the properties (sampled, not sampled, removal complete) and classification (whether it exceeded cleanup goals for lead, PCBs, both lead and PCBs, or neither lead or PCBs). There are a couple of properties that are not in our database that will take more time to classify. I would be happy to discuss this more with you next week at the CAG meeting.

Pam

From: Shirley Carter [mailto:msabccarter@yahoo.com]

Sent: Saturday, August 23, 2014 11:27 AM

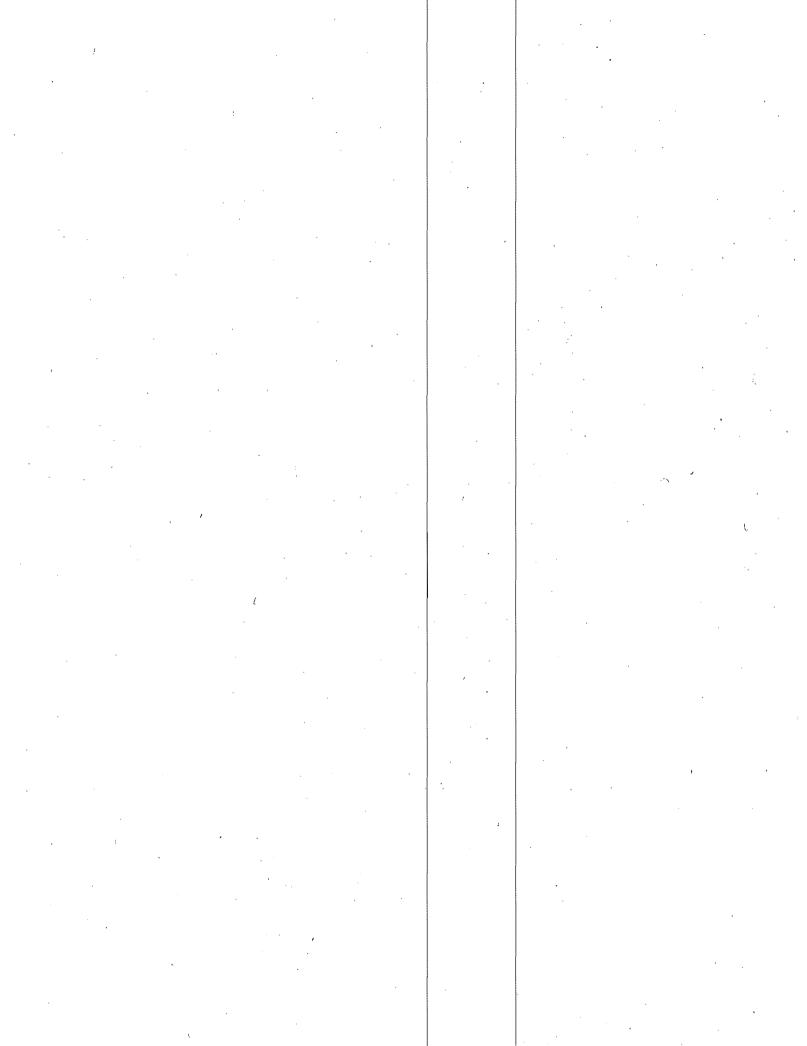
To: Scully, Pam

Subject: list of demo properties

Pam

Have you got the list together yet? How much more time do you need if you don't have it yet?

Thanks Shirley



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PPIN	EPA Study Area	Parcel Address	Municipality	Comments	Classification	Status
1270	A	1625 Mulberry Ave	Anniston	. No Further Action	Sampled	none
1777	c	1002 Front St	Anniston	No Further Action	Removal Complete	Lead
2663	- A \.	2020 Cooper Ave	Anniston	No Further Action	Sampled	none
17422	В	207 B St	Anniston	No Further Action	Not Sampled	
17499	В :	203 Christine Ave	Anniston	No Further Action	Removal Complete	Lead
18135	· c	224 Front St	Anniston	No Further Action	Sampled	none
18293	C	409 Chestnut Ave	Anniston	Additional Demo Area Removal Completed in 2012	Removal Complete	Both
18478	C .	721 Zinn Pkwy Dr	Anniston	Sampling Completed, No Additional Removal Required in Demo Area	Removal Complete	PCBs
18495	c	716 Brockman St	Anniston	No Further Action	Sampled	none
18616	С	703 Pine Ave	Anniston	Additional Demo Area Removal Scheduled for 2014	Removal Complete	PCBs
18621	С	609 Mulberry Ave	Anniston	Sampling Completed, No Additional Removal Required in Demo Area	Removal Complete	PCBs
18626	С	626 Mulberry Ave	Anniston	Sampling Completed, No Additional Removal Required in Demo Area	Removal Complete	PCBs
18627	С	512/614 Mulberry A	Anniston	No Further Action	Removal Complete	Both
18630	С	705 Brockman Ave	Anniston	No Further Action	Sampled	none
18677	С	920 W 10 th St	Anniston	No Further Action	Not Sampled	
18678	С	920 W 10th St	Anniston	No Further Action	Not Sampled	
18720	· C	529 Glen Addie Ave	Anniston	Additional Demo Area Removal Completed in 2012	Removal Complete	PCBs
18819	С	1406 Mulberry Ave	Anniston	No Further Action	Sampled	none
18924	С	1117 Rainwater Ave	Anniston	No Further Action	Sampled ~	none
18968	С	1319 Mulberry A	Anniston	No Further Action	Sampled	none
. 18972	С	1308 Mulberry Ave	Anniston	No Further Action	Sampled	none
19054	A	527 W 16 th St	Anniston	No Further Action	Removal Complete	Lead .
19136	C .	912 W 12th St	Anniston	No Further Action	Sampled	none
19179	· A	1613 Murray Ave	Anniston	No Further Action	Removal Complete	Both
19227	A	112 W 16th St	Anniston	No Further Action	Sampled -	none
19289	C C	1223 W 14th St	Anniston	No Further Action	Removal Complete	Lead
19290	С	1221 W 14th St	Anniston	No Further Action	Sampled	none
19331	В	1504 Stephens Ave	Anniston	No Further Action	Not Sampled	
19336	. В	1219 W 16 th St	Anniston	No Further Action	Sampled	none
19341	В	1229 W 16th St	Anniston	No Further Action	Sampled	none
19371	С	1018 Claxton Ave	Anniston	No Further Action	Sampled	none
19398	. C -	1014 W 15th St	Anniston	No Further Action	Sampled	none
19477	Α	1515 McDaniel Av	Anniston	No Further Action	Sampled	none
19683	В	1109 West 19th St	Anniston	No Further Action	Not Sampled	
19707	В	2213 McDaniel Av	Anniston	. No Further Action	Sampled*	none
19792	· A	1631 Murray Ave	.Anniston	No Further Action	Sämpled	none
19802	- A_	1630 Pine Ave	Anniston	No Further Action	Sampled	none
19910	А	1821 Dooley Ave	Anniston	No Further Action	Sampled	none
19912	A · ·	1819 Dooley Ave	Anniston	No Further Action	Sampled	none
19914	A	1813 Dooley Ave	Anniston	No Further Action	Sampled	none
20019	В	1717 Dooley Ave	Anniston	No Further Action	Removal Complete	Both

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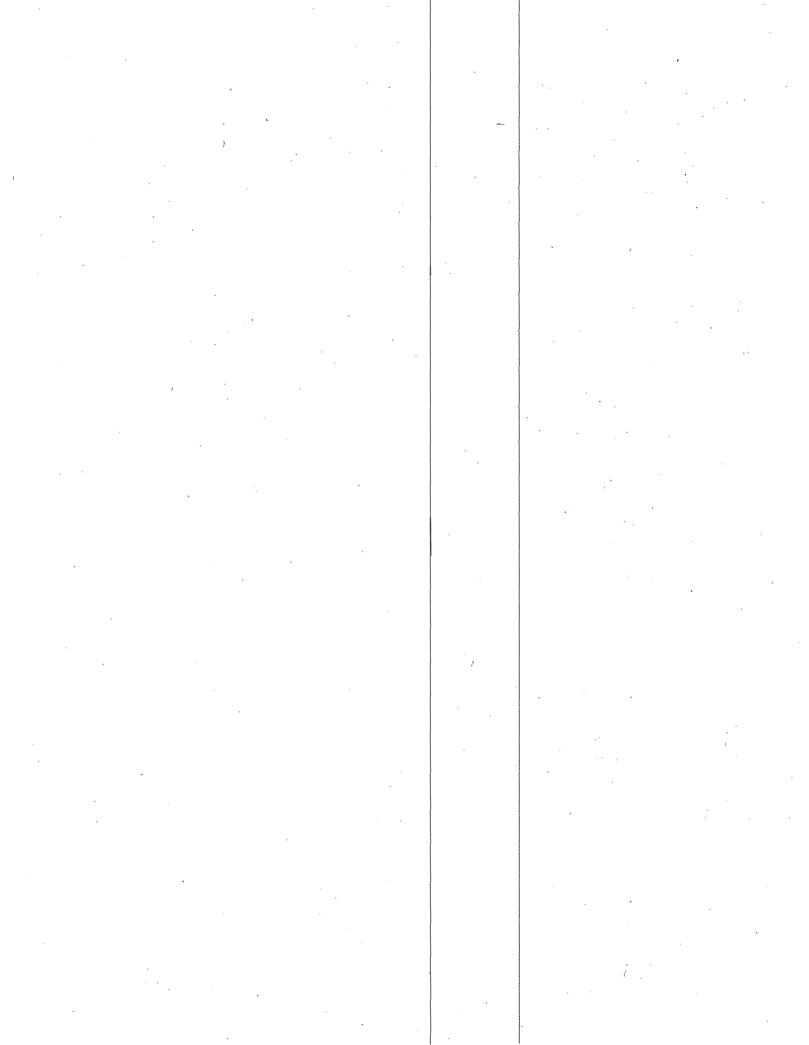
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PPIN	EPA Study Area	Parcel Address	Municipality	Comments	Classification	Status
20026	А	1808 Mulberry Ave		No Further Action	Sampled	none
20203	. A	1700 Moore Ave	Anniston	No Further Action	Removal Complete	Lead
20295	А	-207 W 19th St	Anniston	No Further Action	Sampled	none
20296	Α	201 W 19th St	Anniston	No Further Action	Sampled	none
20337	Α	1802 Walnut Ave	Anniston	No Further Action	Removal Complete	Lead
20347	Α	cCoy Ave & W 17th	Anniston	No Further Action	Not Sampled	
20459	Α	2009 McKleroy Av	Anniston	No Further Action	Removal Complete	Lead
20517	A	. 405 W 19th St	Anniston	No Further Action	Removal Complete	Lead
21245	В .	407 E 21st St	Anniston	No Further Action	Sampled	none
21962		1 Belmont Rd	Anniston	No Further Action		Pell City
24962	В	2329 Noble St	Anniston	No Further Action :	Not Sampled	
24981	В	2409 Noble St	Anniston	No Further Action	Not Sampled	* .
25084	В	2815 Wilmer Ave	Anniston	No Further Action	Sampled	none
25224	В	2206 Noble St	Anniston	No Further Action	Not Sampled	
25235	В	2300 Gurnee Ave	Anniston	No Further Action	Not Sampled	
25236	В	2304 Gurnee Ave	Anniston	No Further Action	Sampled	none
25282	В	2825 Noble St	Anniston	No Further Action	Not Sampled	
25339	Α	119 West 23 rd Stree	Anniston	No Further Action	Not Sampled	
25387	Α	513 W 27th St	Anniston	No Further Action	Sampled	none
25388	. А	2700 McCoy Ave	Anniston	No Further Action	Sampled	none
25401	· A	2721 Norwood Ave	Anniston	No Further Action	Sampled	none
25425	В	2209 Gurnee Ave	Anniston	No Further Action	Removal Complete	Lead
25433	В	2429 Gurnee Ave	Anniston	No Further Action	Sampled	none
		2210 McKleroy	·		•	
25436	Α	Ave	Anniston	No Further Action	Sampled	none
25511	Α	2215 McCoy Ave	Anniston	No Further Action	Sampled	none
25576	Α	1013 Summit St	Anniston	No Further Action	Sampled	none
25589	· A	2526 Church St	Anniston	No Further Action	Sampled	none
25607	Α	2433 McCoy Ave	Anniston	No Further Action	Sampled	none
25619	В	2401 Moore Ave-	Anniston	No Further Action	Sampled	none
25709	В	. 8 McArthur Dr	Anniston	No Further Action	Sampled	none
25934	В	2808 Noble St	Anniston	No Further Action	Not Sampled	
25952	['] A	2214 Dooley Ave	Anniston	No Further Action	Sampled	none
25996	В .	2832 Walnut Ave	Anniston	No Further Action	Sampled	none
26129	В	2900 Gurnee Ave	Anniston	No Further Action	Not Sampled	1
26192	. В	2823 Walnut Ave	Anniston	No Further Action	Sampled	none
26220	В	115 W 30th St	Anniston	No Further Action	Sampled	none
26229	В, ,	3026 Gurnee Ave	Anniston	No Further Action	Sampled	none
26269	. В	3103 Moore Ave	Anniston	No Further Action	Sampled	none
29101	, C	202 Wilmer Ave	Anniston	No Further Action	Sampled	none
30252	Α	1716 Parkwin Ave	Anniston	No Further Action	Sampled	none
30406	, A	1709 Parkwin Ave	Anniston	No Further Action	Removal Complete	Lead
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PPIN	- EPA Study Area	Parcel Address	Municipality	Comments	Classification	Status
		` ·		Scheduled for Demolition. Additional sampling will be completed once structure		
30535	Α	1516 McDaniel Av	Anniston	ျုံး is removed.	Removal Complete	PCBs
30589	, с	1325 Bancroft Ave	Anniston	Sampling Completed, No Additional Removal Required in Demo Area	Removal Complete	PCBs
30645	С	8 & 1312 Bancroft	Anniston .	Additional Demo Area Removal Completed in 2012	Removal Complete	Both
30652	Α	1832 W 15th 1/2 St	Anniston	Sampling Completed, No Additional Removal Required in Demo Area	Removal Complete	PCBs
30675	Α	1808 W 15th St	Anniston	No Further Action	Sampled	none
30695	Α .	1608 Parkwin Ave	Anniston	No Further Action	Sampled	none
30720	С.	1314 W 15th St	Anniston	No Further Action	Sampled	none
30721	С	1316 W 15th St	Anniston	No Further Action	Removal Complete	Lead
30775	С	1721 W 12th St	Anniston	No Further Action	Removal Complete	Lead
30804	С	1717 W 13th St	Anniston	No Further Action	Removal Complete	Lead
30805	С	1719 W 13th St	Anniston	No Further Action	Removal Complete	Lead
30814	· c	1218 Crawford Ave	Anniston	. No Further Action	Removal Complete	Lead
32070	С	1020 Ferron Ave	Anniston	No Further Action	Removal Complete	Lead
60871	A	2221 Cobb Ave	Anniston	. No Further Action	Sampled	none
60873	Α	2215 Cobb Ave	Anniston	Sampling Completed, No Additional Removal Required in Demo Area	Removal Complete	PCBs
61128	В	113 & 115 W 22nd	Anniston	No Further Action	Removal Complete	Lead
61211	В	117 & 119 W 22nd	Anniston	No Further Action	Sampled	none
61214	В	204/2206 Gurnee A	Anniston	No Further Action	Sampled	noņe
61489	В	2309 Noble St	Anniston	No Further Action	Sampled	none
61491	В	2306 Wilmer Ave	Anniston	No Further Action	Not Sampled	
61505	Α	2430 McCoy Ave	Anniston	No Further Action	Sampled	none
61604	В	2412 Gurnee Ave	Anniston	No Further Action	Removal Complete	Lead
62086	Α	2000 Cooper Ave	Anniston	No Further Action	Sampled	none
62119	Α	30 W 19th St	Anniston	No Further Action	Removal Complete	Lead
62133	Α	1828 Mulberry Ave	Anniston	No Further Action	Sampled	none
62134	· A	1822 Mulberry Ave	Anniston	No Further Action	Not Sampled	*
62146		1408 McCall Dr	Anniston	No Further Action	1	
62478	Α	1629 Murray Ave	Anniston	No Further Action	Removal Complete	Lead
62479	Α	1617 Murray Ave	Anniston	No Further Action	Not Sampled	
62822	С	609 Zinn Pkwy Dr	Anniston	Additional Demo Area Removal Completed in 2012	Removal Complete	PCBs
62928	В	9 S Walnut	Anniston	No Further Action	Removal Complete	PĆBs
62970	В	1002 W 17th St	Anniston	No Further Action	Not Sampled	
63176	В	208 Leighton Ave	Anniston	. No Further Action	Not Sampled	
63539	. В	28 S Christine Ave	· Anniston	No Further Action	Removal Complete	Lead
65645	, A	1915 McDaniel Ave	Anniston	No Further Action	Sampled	none
65930	Å	1828 Bancroft Ave	Anniston	No Further Action	Sampled	none
66286	В	226 Grant Ave	Anniston	No Further Action	Not Sampled	
66513	8	330 S Allen Ave	Anniston	No Further Action	Not Sampled	
66534	8	701 S Leighton Ave	Anniston	No Further Action	Not Sampled	
66981	С.	619 Constantine Av	Anniston	No Further Action	Sampled	none
67224	Α	220 Constantine Av	Anniston	Sampling Completed, No Additional Removal Required in Demo Area	Removal Complete	PCBs

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PPIN.	EPA Study Area	Parcel Address	Municipality	Comments	Classification	Status
67409		0 Golden Springs Rd	Anniston	No Further Action	•	
69945	Α	2027 Dooley Ave	Anniston	`No Further Action	Sampled	none
73968	. В	21 Adams St	Anniston	No Further Action	Not Sampled	
74027	В	3 Net-Street	Anniston	No Further Action	Not Sampled	
75076	C	405 Constantine Av	Anniston	No Further Action	Sampled	none
75229	Α	2724 McCoy Ave	Anniston	No Further Action	Sampled	none
75875	С	1113 McDaniel Ave	Anniston	Additional Demo Area Removal Completed in 2012	Removal Complete	PCBs
75875	C	1117 McDaniel Ave	Anniston	Additional Demo Area Removal Completed in 2012	Removal Complete	PCBs
75875	. с	1105 McDaniel Ave	Anniston	Additional Demo Area Removal Completed in 2012	Removal Complete	PCBs.
75901	С	621 Pine St	Anniston	Access Not Provided for Additional Demo Area Removal; Owner Not Found	Removal Complete	PCBs
75933	В	314 Pine Ave	Anniston	No Further Action	Sampled	none
	·			Unable to locate exact address. Woodland Court Outside of EPA Zones. No		
		809 Woodland Ct	Anniston	Further Action.		·



From:

Community Advisory Group <cag_cd@annistoncag.org>

Sent:

Wednesday, September 17, 2014 10:35 AM

To: Subject:

Scully, Pam

Subject.

CAG Meeting

Follow Up Flag: Flag Status:

Follow up Completed

Good Morning,

I was asked to make sure you are aware the meeting on the 20th will be rescheduled.....

Cynthia Calix

Administrator

Community Advisory Group For The Consent Decree

1812 Wilmer Avenue

Suite B

Anniston, AL 36201

Voice: 256*741*1429 FAX: 256*741*3224

Website: www.annistoncag.org

Community Advisory Group (CAG) is an advisory group of citizens who exists to serve as a place for the exchange of information and input from the community in the affected area and advise those individuals and organizations charged with carrying out the actions described in the Consent Decree in an effective and well-managed manner.

This electronic mail message is intended exclusively for the individual or entity to which it is addressed. This message, together with any

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attachment, may contain Community Advisory Group For The Consent Decree privileged information. The recipient is hereby put on notice to treat the information as confidential and privileged and to not disclose or use the information except as authorized by Community Advisory Group. Any unauthorized review, printing, forwarding, retention, copying, disclosure, distribution, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited. If you received this message in error, please immediately contact the sender by reply email and delete all copies of the material from any computer. Thank you for your cooperation.

From:

Community Advisory Group <cag_cd@annistoncag.org>

Sent:

Wednesday, September 17, 2014 10:46 AM

To:

CAG CD

Subject:

CAG Office Phone

Follow Up Flag:

Follow up
Completed

Flag Status:

# Good Morning,

Our office phone line is down. The communications upgrade hasn't ran properly, so you will receive a disconnect recording. Our line has not been disconnected. I have been told the phone lines should be up and running by Monday afternoon.

## Thanks!

# Cynthia Calix

Administrator
Community Advisory Group For The Consent Decree
1812 Wilmer Avenue
Suite B
Anniston, AL 36201
Voice: 256*741*1429

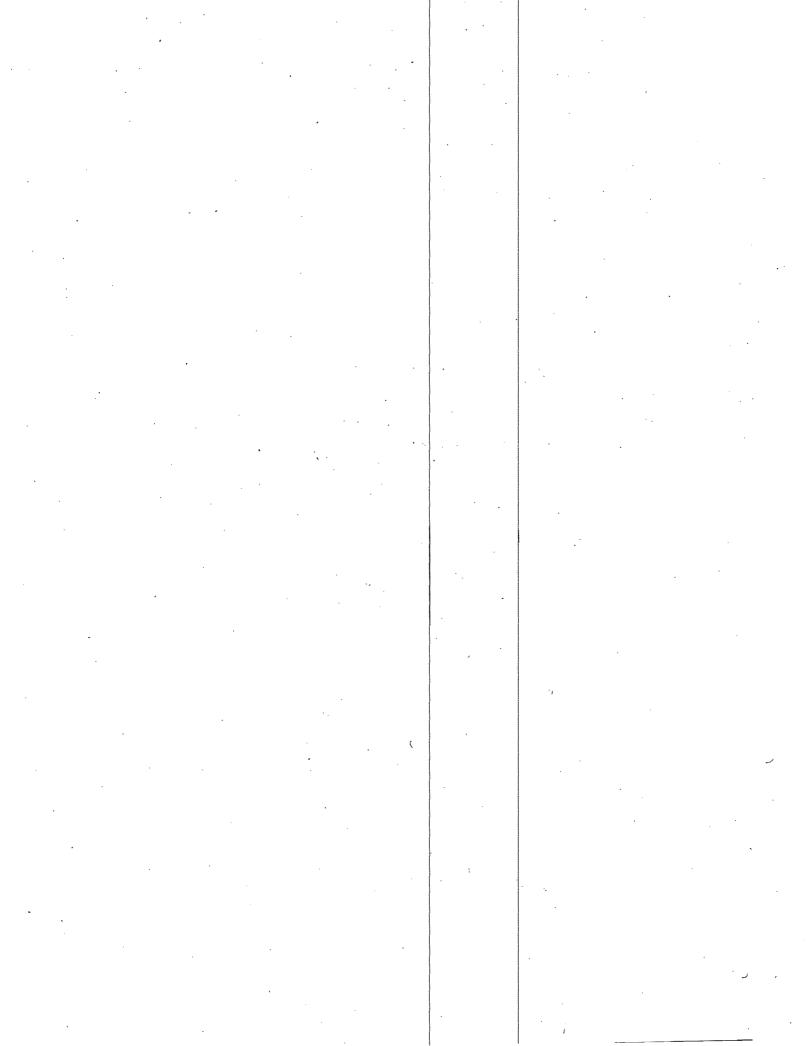
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FAX: 256*741*3224

Website: www.annistoncag.org

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From:

Scully, Pam

Sent:

Wednesday, September 17, 2014 3:50 PM

To:

Community Advisory Group; Shirley Carter

Cc:

Macolly, Gayle; Thomas Dahl

Subject:

**CAG Meeting** 

Attachments:

Summary of Demolitions.pdf

Follow Up Flag:

Follow up

Flag Status:

Completed

#### Cindy,

Yes I understand that the meeting for September 20, 2014 will be rescheduled by the CAG. Shirley,

What additional information she needs from me about the demolition properties (attached).

- The list was compiled by Solutia and the comments about further action were relative to the PCB Site.
- I added two columns to indicate the status of the property (i.e. whether it had been sampled, not sampled, or removal complete by either the lead or PCB site) and the classification of any samples (i.e., Lead was greater than 400 mg/kg= LEAD, PCBs were greater than 1 mg/kg=PCBs, Lead and PCBs were greater than 400 mg/kg and 1 mg/kg respectively = both, Lead and PCBs were less than 400 mg/kg and 1 mg/kg respectively = none).
- Gayle provided sampling results where they existed for demolition areas on PCB properties.
- I am not aware of any sampling results for demolition properties on the Lead site.

If you need more information from me please let me know.

Pam

From: Community Advisory Group [mailto:cag_cd@annistoncag.org]

Sent: Wednesday, September 17, 2014 10:35 AM

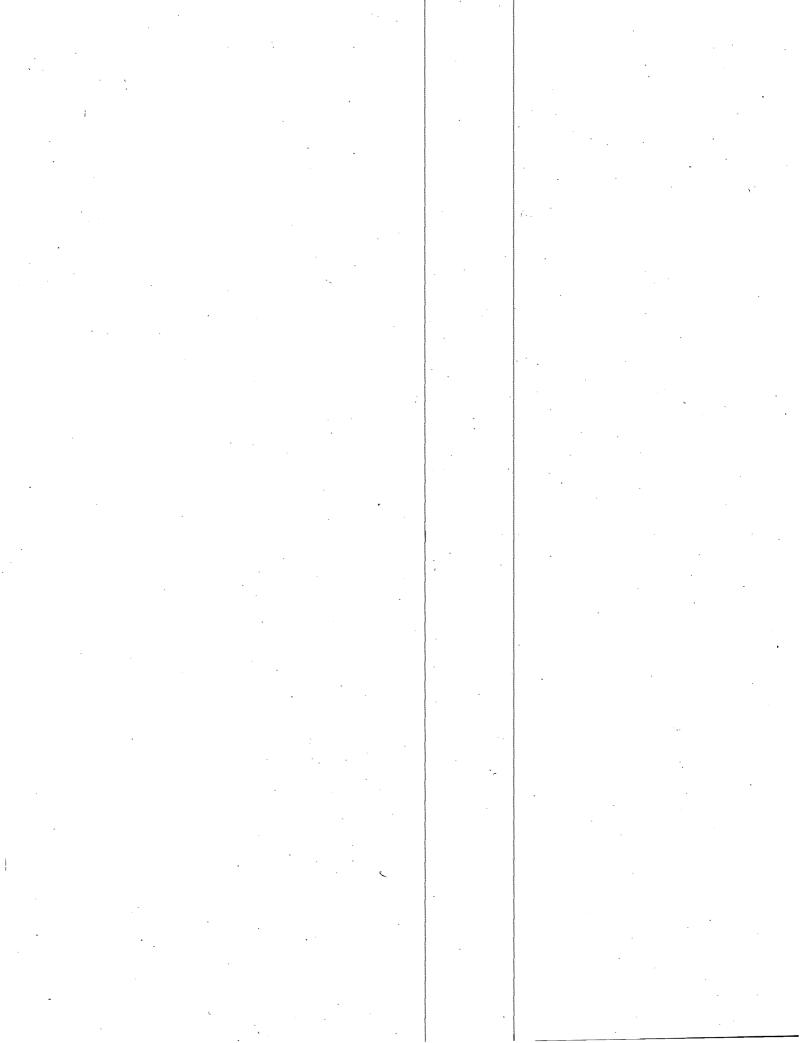
To: Scully, Pam

Subject: CAG Meeting

Good Morning,

I was asked to make sure you are aware the meeting on the 20th will be rescheduled.....

Cynthia Calix



Administrator

Community Advisory Group For The Consent Decree

1812 Wilmer Avenue

Suite B

Anniston, AL 36201

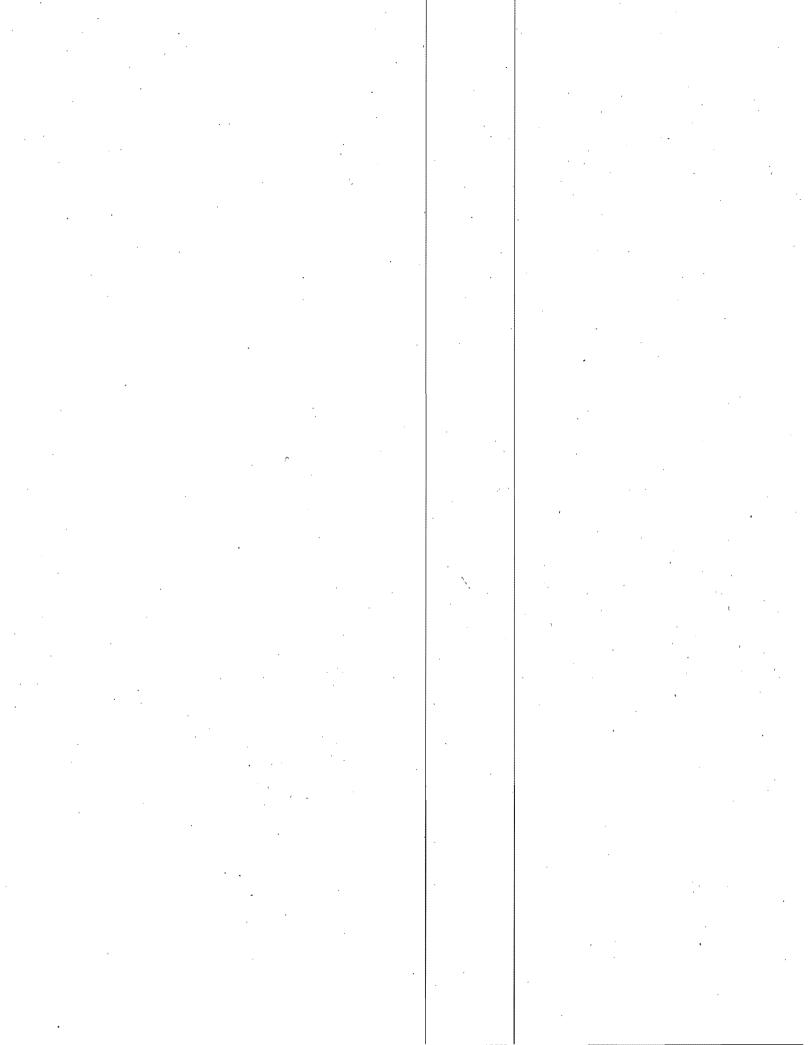
Voice: 256*741*1429

FAX: 256*741*3224

Website: www.annistoncag.org

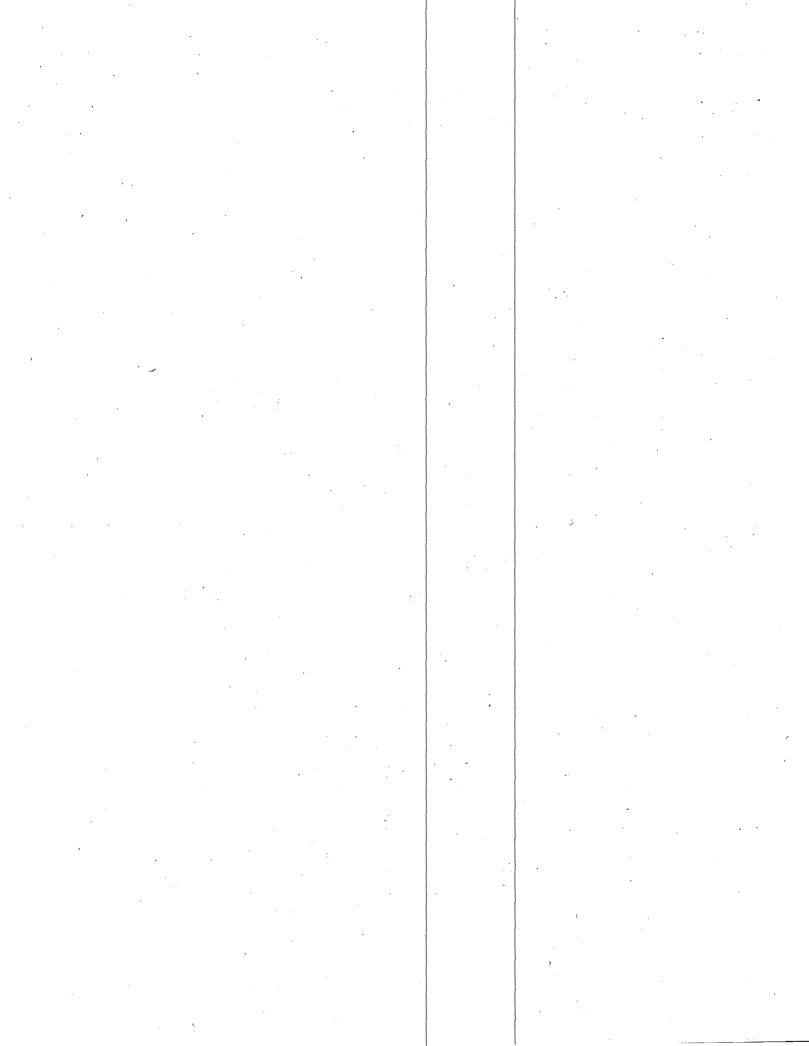
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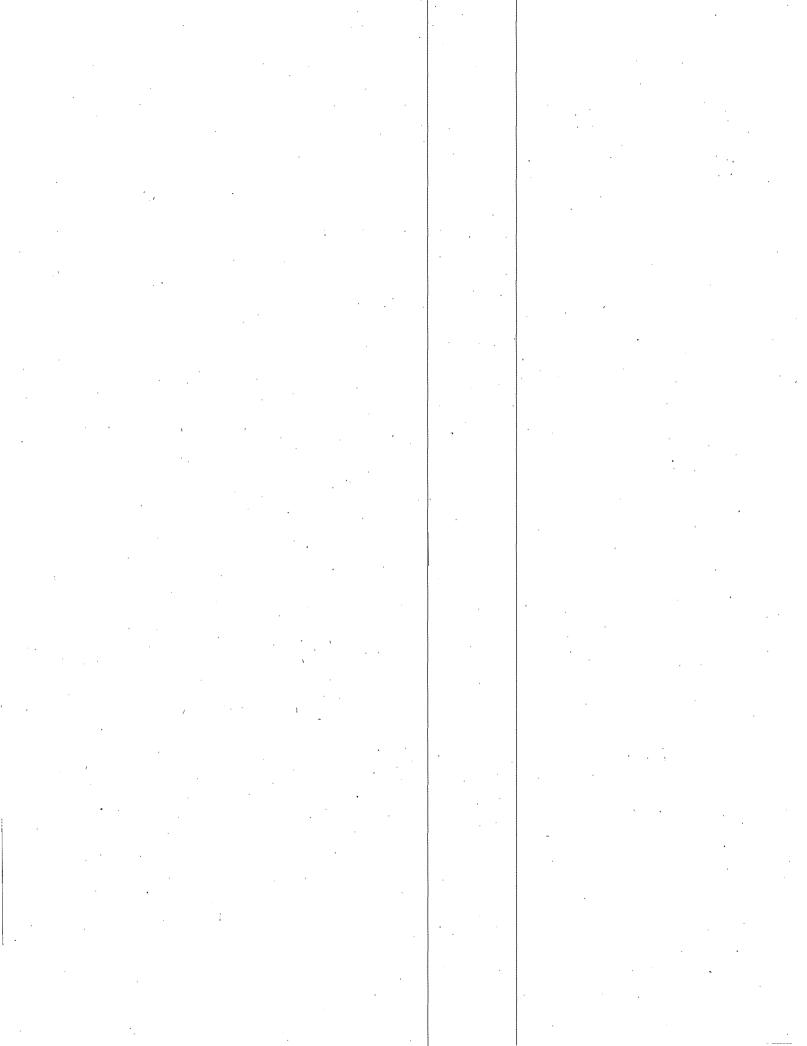


PPIN	EPA Study Area	Parcel Address	Municipality	Comments	Classification	Status
1270	А	1625 Mulberry Ave	Anniston	No Further Action	Sampled	none
1777	С	1002 Front St	Anniston	. No Further Action	Removal Complete	Lead
2663	А	2020 Cooper Ave	Anniston	No Further Action .	Sampled	none
17422	В	207 B St	. Anniston	No Further Action	Not Sampled	
17499	В	203 Christine Ave	Anniston	No Further Action	Removal Complete	Lead
18135	· c	224 Front St	, Anniston	No Further Action	Sampled	none
18293	С	409 Chestnut Ave	Anniston	Additional Demo Area Removal Completed in 2012	Removal Complete	Both
18478	С	721 Zinn Pkwy Dr	Anniston	Sampling Completed, No Additional Removal Required in Demo Area	Removal Complete	PCBs
18495	С	716 Brockman St	Anniston	No Further Action	Sampled	none
18616	C .	703 Pine Ave	Anniston	Additional Demo Area Removal Scheduled for 2014	Removal Complete	PCBs
18621	С	609 Mulberry Ave	Anniston	Sampling Completed, No Additional Removal Required in Demo Area	Removal Complete	PCBs
18626	С	626 Mulberry Ave	Anniston	Sampling Completed, No Additional Removal Required in Demo Area	Removal Complete	PCBs
18627	C	512/614 Mulberry A	Anniston	No Further Action	Removal Complete	Both
18630	C	705 Brockman Ave	Anniston	No Further Action	Sampled	none
18677	· c	920 W 10 th St	Anniston	No Further Action	Not Sampled	
18678	C	920 W 10th St	Anniston	No Further Action	Not Sampled	
18720	С	529 Glen Addie Ave	Anniston	Additional Demo Area Removal Completed in 2012	Removal Complete	PCBs
18819	С	1406 Mulberry Ave	Anniston	No Further Action	Sampled	none
18924	· C	1117 Rainwater Ave	Anniston	No Further Action	Sampled	none
18968	· C	1319 Mulberry A	Anniston	No Further Action	Sampled	none
18972	С	1308 Mulberry Ave	Anniston	No Further Action	· Sampled	none
19054	Α	527 W 16 th St	Anniston	No Further Action	Removal Complete	Lead
19136	. C	912 W 12th St	Anniston	No Further Action	Sampled	none
. 19179	. A	1613 Murray Ave	Anniston	No Further Action	Removal Complete	Both
19227	A	112 W 16th St	Anniston	No Further Action	Sampled	none
19289	С	1223 W 14th St	Anniston	No Further Action	Removal Complete	Lead
19290	С	1221 W 14th St	Anniston	No Further Action	Sampled	none
19331	В	1504 Stephens Ave	Anniston	No Further Action	Not Sampled	
19336	В	1219 W 16 th St	Anniston	No Further Action	Sampled	none
19341	В	1229 W 16th St	Anniston	No Further Action	Sampled	none
.19371	С	1018 Claxton Ave	Anniston.	No Further Action	Sampled	none
19398	C	1014 W 15th St	Anniston	No Further Action	Sampled	none .
19477	Α	1515 McDaniel Av	Anniston	No Further Action	Sampled	none
19683	В	1109 West 19th St	Anniston	No Further Action	Not Sampled	
19707	В	2213 McDaniel Av	Anniston	No Further Action	Sampled	none
19792	. А	1631 Murray Ave	Anniston	No Further Action	Sampled	none
19802	A	1630 Pine Ave	Anniston	No Further Action	Sampled	none
19910	Α	1821 Dooley Ave	Anniston	No Further Action	Sampled	none
19912	Α	1819 Dooley Ave	Anniston	No Further Action	Sampled	none
19914	. А	1813 Dooley Ave	Anniston	No Further Action	Sampled	none
20019	B	1717 Dooley Ave	Anniston	No Further Action	Removal Complete	Both

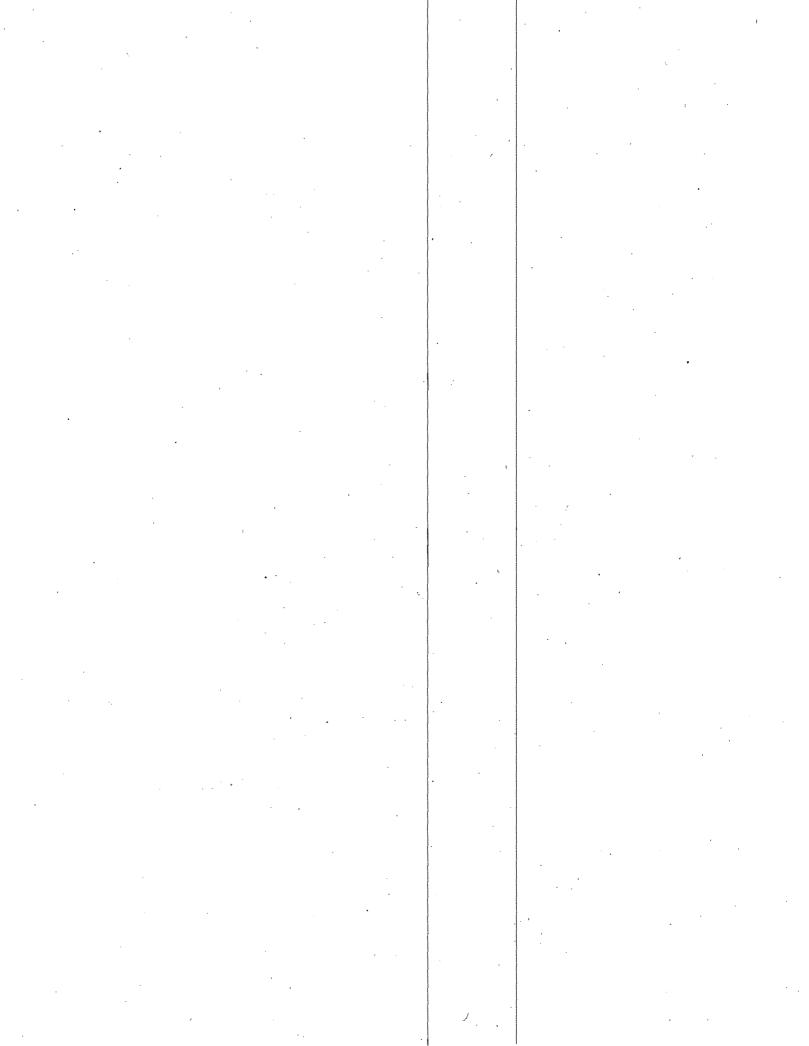
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PPIN	EPA Study Area	Parcel Address	Municipality	Comments	Classification	Status
20026	A	1808 Mulberry Ave	Anniston	No Further Action	Sampled	none
20203	Α	1700 Moore Ave	Anniston	No Further Action	Removal Complete	Lead
20295	A	207 W 19th St	Anniston -	No Further Action	Sampled	none
20296	. А	201 W 19th St	Anniston	No Further Action	Sampled	none
20337	. А	1802 Walnut Ave	Anniston	No Further Action	Removal Complete	Lead
20347	Α	cCoy Ave & W 17th	Anniston	No Further Action	Not Sampled	
20459	A	2009 McKleroy Av	Anniston .	No Further Action	Removal Complete	Lead
20517	· -A	405 W 19th St	Anniston	No Further Action	Removal Complete	Lead
21245	В	407 E 21st St	Anniston	No Further Action	Sampled	none
21962		1 Belmont Rd	Anniston .	No Further Action	1	Pell City
24962	В	2329 Noble St	Anniston	No Further Action	Not Sampled	
24981	В	2409 Noble St	Anniston	No Further Action	Not Sampled	
25084	В	2815 Wilmer Ave	Anniston	No Further Action	Sampled	nóne
25224	В	2206 Noble St	Anniston	No Further Action	Not Sampled	
25235	. В	2300 Gurnee Ave	Anniston	No Further Action	Not Sampled	
25236	В	2304 Gurnee Ave	Anniston	No Further Action	Sampled	none
25282	В	2825 Noble St	Anniston	No Further Action	Not Sampled	
25339	А	119 West 23 rd Stree	Anniston	No Further Action	Not Sampled	
25387	A	513 W 27th St	Anniston	No Further Action	Sampled	none
25388	Α.	2700 McCoy Ave	Anniston	No Further Action	Sampled	none
25401	A	2721 Norwood Ave	Anniston	No Further Action	Sampled	none
25425	В.	2209 Gurnee Ave	Anniston	No Further Action	Removal Complete	Lead
25433	В	2429 Gurnee Ave	Anniston	No Further Action	Sampled	none
		2210 McKleroy			1	
25436	A	Ave	Anniston	No Further Action	Sampled	none
25511	A	2215 McCoy Ave	Anniston	No Further Action	Sampled	none
25576	Α	1013 Summit St	Anniston	No Further Action	Sampled	none
25589	Α	2526 Church St	Anniston	No Further Action	Sampled	none
25607	Α .	2433 McCoy Ave	Anniston	No Further Action	Sampled	none
25619	В	2401 Moore Ave	Anniston	No Further Action	Sampled	none
25709	В	8 McArthur Dr	Anniston	No Further Action	Sampled	none
25934	В	2808 Noble St	Anniston	No Further Action	Not Sampled	
25952	A	2214 Dooley Ave	Anniston	No Further Action	Sampled	none
25996	8	2832 Walnut Ave	Anniston	No Further Action	Sampled	none
26129	В	2900 Gurnee Ave	Anniston	No Further Action	Not Sampled	
26192	В	2823 Walnut Ave	Anniston	No Further Action	Sampled	none
26220	В	115 W 30th St	Anniston	No Further Action	Sampled	none
26229	. В	3026 Gurnee Ave	Anniston	No Further Action	Sampled	none
26269	В	3103 Moore Ave	Anniston	No Further Action	Sampled	none
29101	rc	202 Wilmer Ave	Anniston	No Further Action	Sampled	none
30252	A	1716 Parkwin Ave	Anniston	No Further Action	Sampled	none
30406	Α.	1709 Parkwin Ave	Anniston	No Further Action	Removal Complete	Lead
					*	



PPIN	EPA Study Area	Parcel Address	Municipality	Comments	Classification	Statu
	,			Scheduled for Demolition. Additional sampling will be completed once structure		
30535	Α	1516 McDaņiel Av	Anniston	is removed.	Removal Complete	PCBs
30589	C ,	1325 Bancroft Ave	Anniston	Sampling Completed, No Additional Removal Required in Demo Area	Removal Complete	PCBs
30645	C.	8 & 1312 Bancroft	Anniston	Additional Demo Area Removal Completed in 2012	Removal Complete	Both
30652	А	1832 W 15th 1/2 St	· Anniston	Sampling Completed, No Additional Removal Required in Demo Area	Removal Complete	PCBs
30675	Α	1808 W 15th St	Anniston	No Further Action	Sampled	none
30695	. А	1608 Parkwin Ave	Anniston	. No Further Action	Sampled	none
30720	С	1314 W 15th St	Anniston	No Further Action	Sampled -	none
30721	С	1316 W 15th St	Anniston _	No Further Action	Removal Complete	Lead
30775	· C	1721 W 12th St	Anniston	No Further Action	Removal Complete	Lead
30804	С	1717 W 13th St	Anniston	No Further Action	Removal Complete	Lead
30805	С	1719 W 13th St	Anniston	No Further Action	Removal Complete	Lead
30814	С	1218 Crawford Ave	Anniston	No Further Action	Removal Complete	Lead
32070	С	1020 Ferron Ave	Anniston	No Further Action	Removal Complete	Lead
60871	Α	2221 Cobb Ave	Anniston	No Further Action	Sampled	non
60873	Α ·	2215 Cobb Ave	Anniston	Sampling Completed, No Additional Removal Required in Demo Area	Removal Complete	PCB
61128	В	113 & 115 W 22nd	Anniston	No Further Action	Removal Complete	Lead
61211	В	117 & 119 W 22nd	Anniston	No Further Action	Sampled	non
61214	В	204/2206 Gurnee A	Anniston	No Further Action	Sampled	non
61489	. В	2309 Noble St	Anniston	No Further Action	Sampled	non
61491	В	2306 Wilmer Ave	Anniston	No Further Action	Not Sampled	*
61505	А	2430 McCoy Ave	Anniston	No Further Action	Sampled	non
61604	В .	2412 Gurnee Ave	Anniston	No Further Action	Removal Complete	Lead
62086	Α .	2000 Cooper Ave	Anniston	No Further Action	Sampled	non
62119	Α	30 W 19th St	Anniston	No Further Action	Removal Complete	Lead
62133	Α	1828 Mulberry Ave	Anniston	No Further Action	Sampled	non
62134	Α	1822 Mulberry Ave	Anniston `	No Further Action	Not Sampled	
62146		1408 McCall Dr	Anniston	No Further Action	,	*
62478	Α	1629 Murray Ave	Anniston	No Further Action	Removal Complete	Lead
62479	· A	1617 Murray Ave	Anniston	No Further Action	Not Sampled	
62822	С	609 Zinn Pkwy Dr	Anniston -	Additional Demo Area Removal Completed in 2012	Removal Complete	PCB
62928	В	9 S Walnut	Anniston	No Further Action	Removal Complete	PCB
62970	В	1002 W 17th St	Anniston	No Further Action	Not Sampled	
63176	В	208 Leighton Ave	Anniston	No Further Action	Not Sampled	
63539	В	28 S Christine Ave	Anniston	No Further Action	Removal Complete	Lea
65645	Α	1915 McDaniel Ave	Anniston	No Further Action	Sampled	non
65930	· A	1828 Bancroft Ave	Anniston	No Further Action	Sampled	non
66286	В	226 Grant Ave	Anniston	No Further Action	Not Sampled	•
66513	В	330 S Allen Ave	Anniston	No Further Action	Not Sampled	
66534	В	701 S Leighton Ave	Anniston -	No Further Action	Not Sampled	
66981	С	619 Constantine Av	Anniston	No Further Action	Sampled .	non
67224	Α	220 Constantine Av	Anniston	Sampling Completed, No Additional Removal Required in Demo Area	Removal Complete	PCB:



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	PPIN	EPA Study Area	Parcel Address	Municipality	Comments	Classification	Status
	67409		0 Golden Springs Ro	Anniston	No Further Action		
•	.69945	Α	2027 Dooley Ave	Anniston	No Further Action	Sampled	none
	73968	В	21 Adams St	Anniston	No Further Action	Not Sampled	
	74027	В	3 Net Street	Anniston	No Further Action	Not Sampled	
	75076	С	405 Constantine Av	Anniston	No Further Action	Sampled	none
	75229	, A	2724 McCoy Ave	Anniston	No Further Action	Sampled	none
-	75875	С	1113 McDaniel Ave	Anniston	Additional Demo Area Removal Completed in 2012	Removal Complete	PCBs
	75875	С	1117 McDaniel Ave	Anniston	Additional Demo Area Removal Completed in 2012	Removal Complete	PCBs
•	75875	C	1105 McDaniel Ave	<b>∕</b> Anniston	Additional Demo Area Removal Completed in 2012	Removal Complete	PCBs
	75901	· C	621 Pine St	Anniston	Access Not Provided for Additional Demo Area Removal; Owner Not Found	Removal Complete	PCBs
	75933	В	314 Pine Ave	Anniston	No Further Action	Sampled	none
			,	,	Unable to locate exact address. Woodland Court Outside of EPA Zones. No	,	
*			809 Woodland Ct	Anniston	Further Action.		
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From:

Scully, Pam

Sent:

Monday, October 06, 2014 10:35 AM

To: Subject: Community Advisory Group Fw: Air Sampling Report

Attachments:

REPORT Anniston 2012 PCB Air Study.pdf

Follow Up Flag:

Follow up

Flag Status:

Completed

From: Scully, Pam

Sent: Friday, March 15, 2013 11:44 AM

To: Shirley Carter; Gayle Macolly; Cynthia Calix; bertrandthomas10@comcast.net

Subject: Air Sampling Report

#### ΑII

I am sending you all a copy of the air sampling report for samples collected in October 2012. I am not asking for your comments on this report.

The data have been validated. I wanted to release the data to you because you or others may have requested this data. The data will not change.

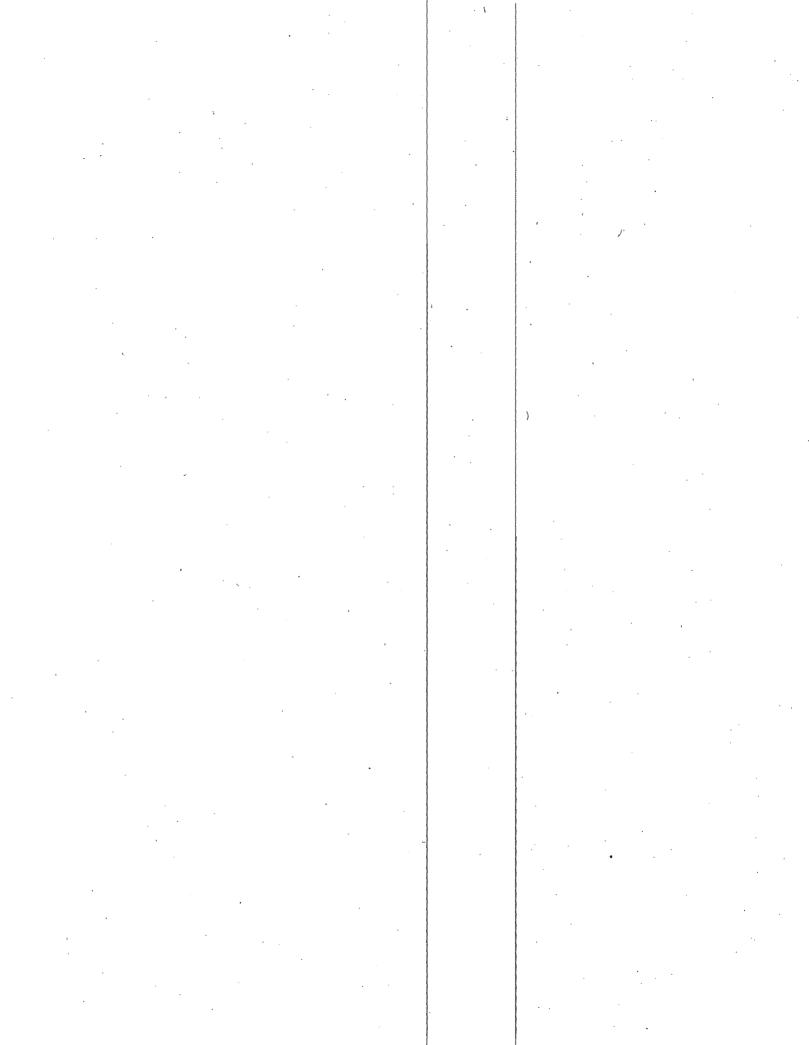
I have sent the data to ATSDR, and there will be information forthcoming from EPA's toxicologist about what the data means as far as EPA is concerned.

Pam

Pamela J. Langston Scully, P.E. U.S. Environmental Protection Agency 61 Forsyth Street, SW Atlanta. Georgia 30303 scully.pam@epa.gov

Office: 404-562-8935

Cell: 404-661-7378l





# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 4

Science and Ecosystem Support Division Enforcement and Investigations Branch 980 College Station Road Athens, Georgia 30605-2720

March 13, 2013

4SESD-EIB

#### **MEMORANDUM**

SUBJECT:

Anniston PCB Air Study

Anniston, Alabama

**SESD Project # 13-0036** 

FROM:

Tim Slagle

Superfund and Air Section

THRU:

Laura Ackerman, Chief

Superfund and Air Section /

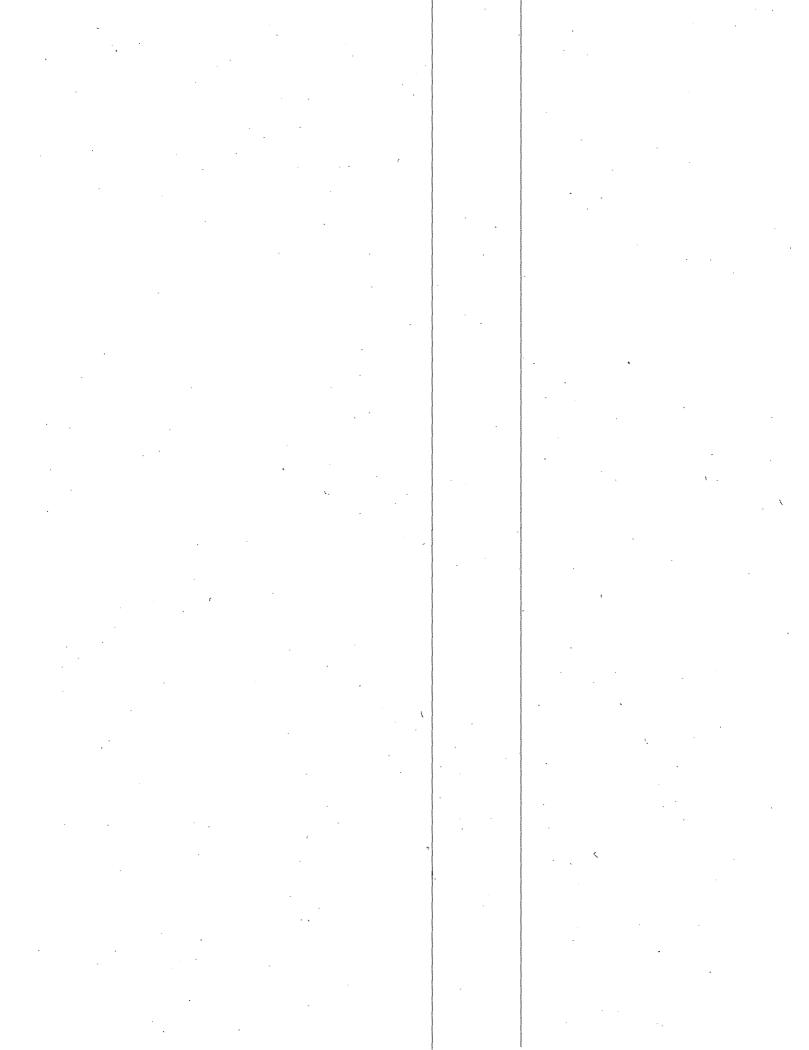
TO:

Pamela J. Langston Scully, Remedial Project Manager

Superfund Division Atlanta Federal Center 61 Forsyth Street, SW

Atlanta, Georgia 30303-8960

Attached is the Anniston PCB Air Study Report that was conducted in Anniston, Alabama, October 23-25, 2012. If you have any questions concerning the report or sampling investigation, please call me at (706) 355-8741 or e-mail me at Slagle.Tim@epa.gov.



# United States Environmental Protection Agency Region 4

Science and Ecosystem Support Division 980 College Station Road Athens, Georgia 30605-2720



# Report Anniston PCB Air Study Anniston, Calhoun County, Alabama October 23-25, 2012

**SESD Project Identification Number: 13-0036** 

Requestor: Pamela J. Langston Scully, Remedial Project Manager Superfund Division USEPA 61 Forsyth St. SW Atlanta, Georgia 30303-8960 Enforcement and Investigations Branch USEPA
980 College Station Road
Athens, Georgia 30605-2720

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## Title and Approval Sheet

Title: Report, Anniston PCB Air Study

Anniston, Calhoun County, Alabama

Document Type: Investigation Final Report

Approving Official:

Laura Ackerman, Chief

Superfund and Air Section

Enforcement and Investigations Branch

**SESD Project Leader:** 

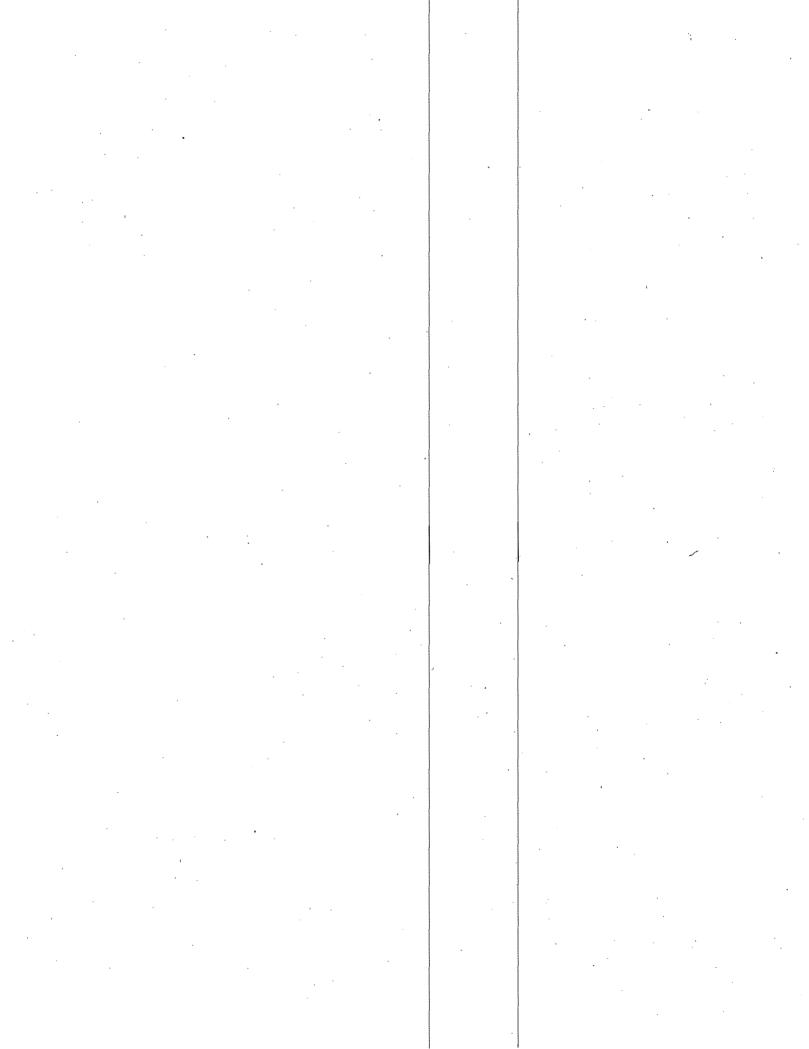
Tim Slagle, Regional Expert Superfund and Air Section

Enforcement and Investigations Branch

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### Anniston PCB Air Study Anniston, Alabama October 23-25, 2012

#### INTRODUCTION

On October 23-25, 2012, Tim Slagle, US EPA, Region 4, Science and Ecosystem Support Division (SESD), along with Don Fortson and Brian Herndon Integrated Laboratory Systems (ILS), collected ambient air samples from properties around the Solutia Superfund Site. The investigation was requested by Pamela J. Langston Scully, Remedial Project Manager (RPM), Superfund Division, Region 4 USEPA, 61 Forsyth St., SW, Atlanta, GA 30303-8909.

#### **BACKGROUND**

#### **Site Description**

The city of Anniston, Alabama is located at approximately 33.66° North latitude and -85.83° West longitude (decimal degrees) in Calhoun County. The Solutia facility is located at 702 Clydesdale Avenue, Anniston, AL 36201 approximately 33.65° North latitude and -85.85° West longitude.

### Site History

The Anniston Polychlorinated Biphenyl (PCB) Site consists of residential and commercial properties located in and around Anniston, Calhoun County, Alabama. The Site is being investigated for PCBs and other contaminants by the U.S. Environmental Protection Agency (EPA). Previous site investigations by the Alabama Department of Public Health (ADPH), the Alabama Department of Environmental Management (ADEM), the Agency for Toxic Substances and Disease Registry (ATSDR), and EPA Region 4 have shown that PCB contamination is present in the Anniston area.

The Solutia facility in Anniston, Alabama, is one of two facilities in the United States that produced PCBs (Aroclors). PCB production ceased in 1971 in Anniston. The Solutia Anniston plant occupies 70 acres of land, about 1 mile west of downtown Anniston. The site is bounded to the north by the Norfolk Southern and Erie railroads, east and west by residential properties, and south by U.S. Highway 202. The Solutia facility includes two landfills which received PCB waste material.

The facility is regulated under the Alabama Hazardous Waste Management and Minimization Act (HWMMA). EPA has authorized ADEM to implement the Resource Conservation and Recovery Act (RCRA) through the HWMMA in lieu of the federal RCRA program. Through investigations initiated under the RCRA program, EPA and ADEM have determined that the Solutia facility, the adjacent community, and the drainage ditches exiting the property as well as the downstream waterways (Snow Creek, Choccolocco Creek, and the Coosa River-Lake Logan Martin) are contaminated with PCBs.

Solutia has conducted investigations of the facility and adjacent community and has instituted interim measures toward eliminating further releases and minimizing human exposure.

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#### Pollutants and Potential Sources

A polychlorinated biphenyl (PCB) is any of the 209 configurations of organochlorides with 1 to 10 chlorine atoms attached to biphenyl, which is a molecule composed of two benzene rings. The chemical formula for a PCB is  $C_{12}H_{10-x}Cl_x$  (where x equals the number of chlorine atoms).

PCBs were widely used as dielectric and coolant fluids, for example in transformers, capacitors, and electric motors. Due to PCBs' environmental toxicity and classification as a persistent organic pollutant, PCB production was banned by the United States Congress in 1979.

#### **PCB Congeners**

A PCB congener is any single, unique well-defined chemical compound in the PCB category. The name of a congener specifies the total number of chlorine substituents and the position of each chlorine atom. For example: 4,4'-Dichlorobiphenyl is a congener comprising the biphenyl structure with two chlorine substituents, one on each of the #4 carbons of the two rings. In 1980, a numbering system was developed which assigned a sequential number to each of the 209 PCB congeners.

#### **PCB Homologs**

Homologs are subcategories of PCB congeners having equal numbers of chlorine substituents. For example, the tetrachlorobiphenyls are all PCB congeners with exactly 4 chlorine substituents that may be in any arrangement (Table 2).

Although there have been several areas throughout the city of Anniston contaminated with PCBs and subsequently remediated, the community is concerned that PCB concentrations that may be present in the ambient air.

### **OBJECTIVE**

The overall goal of this effort is to collect data of sufficient quality and quantity to determine if Anniston residents in the study area are being exposed to PCB concentrations in the ambient air at levels that may pose a potential health hazard. The PCB data collected will be summarized into homolog concentrations at the request of US EPA Region 4 Human Health Risk Assessors to compare the data collected in this study with data from previous studies.

#### SAMPLING DESIGN

SESD used an authoritative sampling design to collect ambient air samples to satisfy the data quality objectives of the study. Three sampling stations (F, I, and J) were selected for sampling by Tim Slagle and Pamela Langston Scully, US EPA Region 4. The locations where the air sampling was conducted are listed in Table 1 and designated by yellow push pins on the site map (Appendix A; Figure 1).

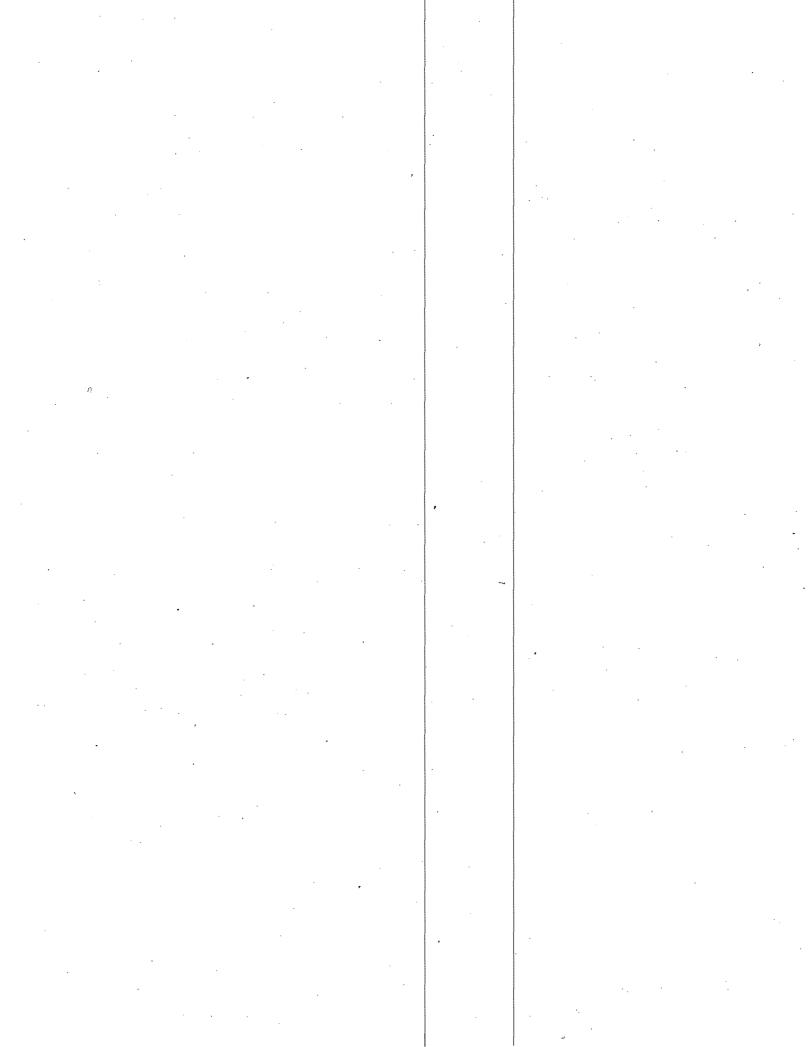


Table 1

Air Sample Station Locations

Station ID	Location	Latitude	Longitude
F	Stephens Avenue & West 12 th Street on Solutia property	33.65977°	-85.84371°
I	300 Parker Street	33.64780°	-85.86642°
J	West 10th Street & Parkwin Avenue on Solutia property	33.65582°	-85.85396°
Meteorological	Clydesdale Avenue & West 7 th Street on Solutia	33.653213°	-85.853138°
Site	property		,

On October 23rd, 2012, SESD established air sampling stations at each of the locations in Table 1. A duplicate monitoring site was located at Station J (Appendix B; Photo #3). The sample collection was conducted over a period of 3 consecutive days. The samples were collected over 2 nominal 24- hour periods. The sampling stations are selected to ascertain ambient air concentrations of PCBs that may be emanating from the Solutia Site into the surrounding neighborhoods.

To allow for a more complete understanding of the meteorological conditions associated with pollutant concentrations, wind speed and wind direction, were collected from a temporary meteorological station located at the intersection of Clydesdale Avenue and West 7th Street on Solutia property near the entrance to the facility (Appendix B; Photo #4), which is marked by a blue triangle in Figure 1.

### INVESTIGATION METHODOLOGY

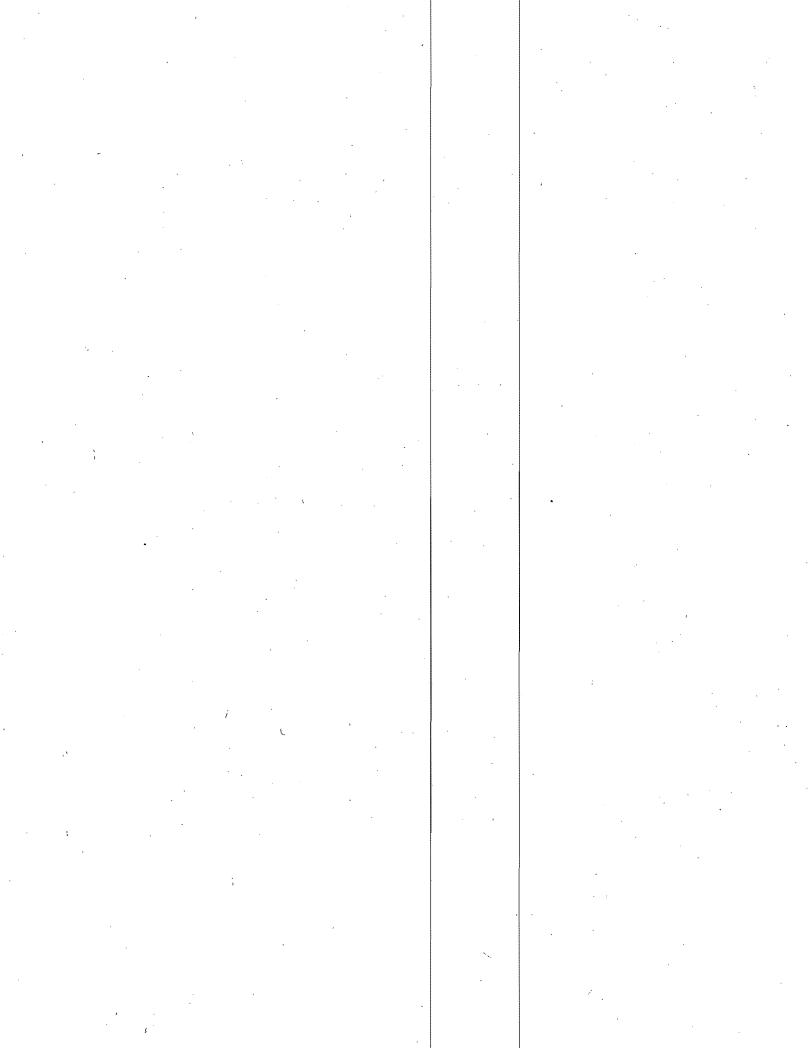
### **Task Description**

SESD personnel collected ten 24-hour air samples during this investigation. The air samples were collected in accordance with US EPA Compendium Method TO-4A Determination of Pesticides and Polychlorinated Biphenyls in Ambient Air Using High Volume Polyurethane Foam (PUF) Sampling Followed by Gas Chromatographic/Multi-Detector Detection (GC/MD) and shipped to a contract lab for PCB analysis.

#### **Ambient Air Sampling Procedure:**

SESD collected ten 24-hour ambient air samples including Quality Assurance/Quality Control (QA/QC) samples. Analysis of the air samples for PCB Homologues was conducted by a CLP laboratory in accordance with US EPA Compendium Method TO-4A Determination of Pesticides and Polychlorinated Biphenyls in Ambient Air Using High Volume Polyurethane Foam (PUF) Sampling Followed by Gas Chromatographic/Multi-Detector Detection (GC/MD) and EPA Method 1668B Chlorinated Biphenyl Congeners in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS November 2008. Laboratory QA/QC procedures were conducted in accordance with the guidelines incorporated in the analytical methods.

Sample custody was maintained by SESD until samples were shipped to the CLP laboratory for analysis. All samples were collected and handled in accordance with the EPA Region 4 SESD Field Branches Quality System and Technical Procedures. The following specific procedures were used during sample collection for all direct field measurements and sampling activities:



SESDPROC-303-R4 Ambient Air Sampling

SESDPROC-110-R3 Global Positioning System (GPS)

SESDPROC-005-R1 Sample and Evidence Management

SESDPROC-010-R4 Log Books

SESDPROC-205-R2, Field Equipment Cleaning and Decontamination

SESDPROC-209-R2, Packing, Marking, Labeling and Shipping of Environmental and Waste Samples

### **SAMPLE IDENTIFICATION PROTOCOLS:**

The air sampling Station IDs that were used for this investigation are listed in Table 1. The individual Sample IDs began with the Station-ID and was followed by matrix identifier; AA for ambient air or FB for field blank. The matrix identifier was followed by the month-day-year of the sampling event. For example, sample station J sampled on October 23, 2012 would have a Sample ID as follows: JAA102312

Air duplicate samples were identified with a "D" following the sampling station ID. For Example, a duplicate air sample collected at sample station J sampled on October 23, 2012 would have a Sample ID as follows:

JDAA102312

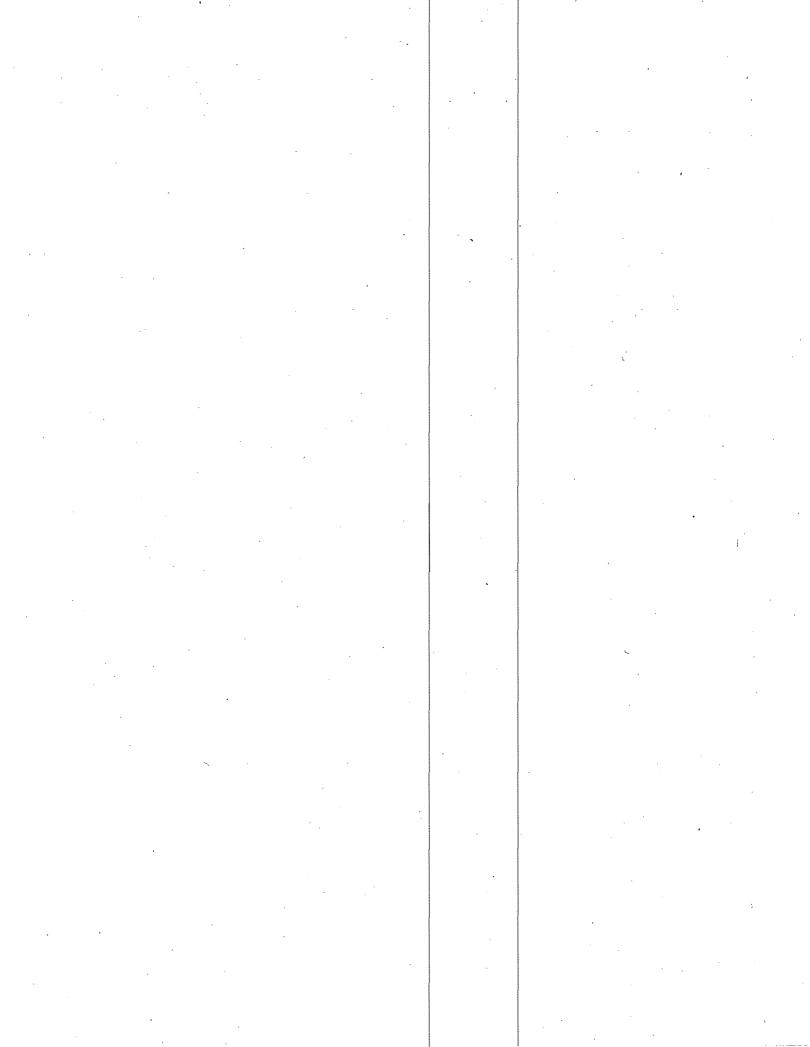
#### RESULTS

The air sampling locations are described in Table 1. The list of compounds was limited to PCB Homologs found in the ambient air in the city of Anniston from previous air studies, which are listed in Table 2. A summary table of the PCB Homolog analytical results for the air samples collected is contained in Table 3. A map of the study area; denoted as Figure 1 is provided in Appendix A. Appendix B contains photographs of each of the sampling stations and the meteorological station. Appendix C contains the meteorological data for the two 24-hour sampling periods. The Laboratory Analytical Report is attached as Appendix D. The Field Logbook is attached as Appendix E.

The laboratory results for the PCB Homolog analysis of the air samples collected during the study are summarized in Table 3. The Laboratory Analytical Report is attached as Appendix D, which contains the analytical results for each of the PCB homologs, 209 PCB congeners and applicable TEQs (Toxic Equivalents). The concentration of the analytes is reported in nanograms per cubic meter of air (ng/m³). A Report Narrative on page 2 of Appendix D; discusses in detail the data quality factors requiring qualification of the analytical results. In addition, numerical values for the non-detected PCB congeners have been included in the Laboratory Analytical Report. The "non-detects are followed by a "U" which is a "Data Qualifier" that denotes that the analyte was not detected above the listed Minimum Reporting Limit (MRL). The listed value is the associated MRL and may vary between samples based on the dilutions required to quantitate the PCB concentrations. It is important to note that some of the MRLs listed for the non-detects may change between samples and the associated PCB may be present at a concentration less than the reported MRL.

Many of the PCB congener analytical results in Appendix D are followed by "Data Qualifiers" that are listed on page 5 of the Laboratory Analytical Report and are summarized below:

U The analyte was not detected at or above the reporting limit.



- B-4 Level in blank impacts MRLs.
- CLP33 Poor Chromatography Split Peaks and/or Poor Peak Shape Present
- J The identification of the analyte is acceptable; the reported value is an estimate.
- QI-1 Internal standard was outside of method control limits.

The wind speed and direction data is tabulated by each sample period in Appendix C. The tabulated periods are longer than 24 hours and overlap each other to account for the setup and travel time between sample stations. The actual collection time of each sample is a nominal 24 hours. The SESD meteorological station failed after the conclusion of the first sampling period. The meteorological data for the second sampling period was downloaded from weather underground via www.wunderground.com for the National Weather Service Site KANB at the Anniston Airport which is located approximately 13 miles southwest of the SESD meteorological station.

The first sampling period started on Tuesday, October 23, 2012 at 09:40, the wind was generally out of the northeast between 1 mile per hour (mph) and 11mph until the end of the sampling period at 11:13 on Wednesday, October 24. The highest concentrations of Total PCB Homologs in the ambient air were recorded at Sample Station I which is located at 300 Parker Street. This site is located west of the Solutia facility. A photo depicting the collection of the air sample is recorded in Appendix B; Photo #2. The concentrations of the Total PCB Homologs at each sample station during the first sampling period are listed below;

Sample Station F (west site)
Stephens Avenue & West 12th Street
FAA102312
Total PCB Homologs 1.8 ng/m³

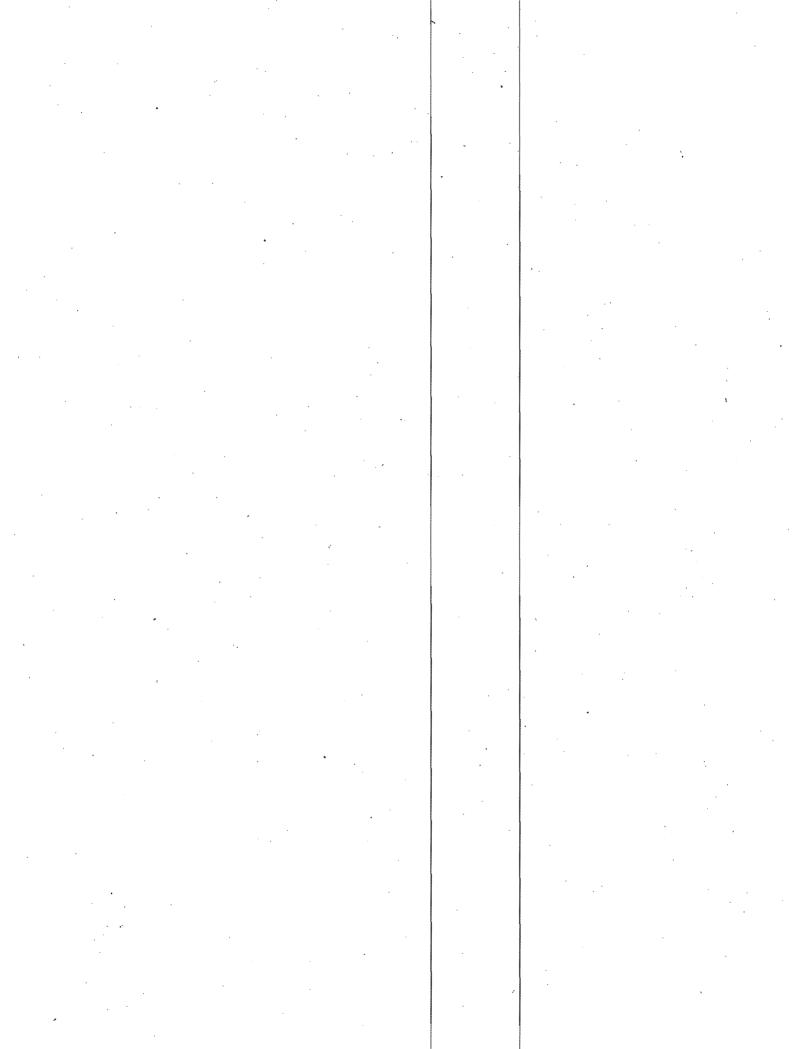
Sample Station I (east site)
300 Parker Street
IAA102312
Total PCB Homologs 26 ng/m³

Sample Station J (central site)
West 10th Street & Parkwin Avenue
JAA102312

Total PCB Homologs 8.1 ng/m³

Sample Station J (Duplicate)
West 10th Street & Parkwin Avenue
JDAA102312
Total PCB Homologs 8.1 ng/m³

The second sampling period started on Wednesday, October 24, 2012 at 09:56, the wind was generally the east and ranged in speed from calm to 6.9 mph until the end of the sampling period at 11:32 on Thursday, October 25. The highest concentrations of Total PCB Homologs in the ambient air were again recorded at Sample Station I which is located at 300 Parker Street. The concentrations of the Total PCB Homologs at each sample station during the second sampling period are listed below;



Sample Station F (west site) Stephens Avenue & West 12th Street FAA102312

**Total PCB Homologs** 

 $1.7 \text{ ng/m}^3$ 

Sample Station I (east site) 300 Parker Street IAA102312

**Total PCB Homologs** 

 $8.8 \text{ ng/m}^3$ 

Sample Station J (central site)
West 10th Street & Parkwin Avenue
JAA102312

**Total PCB Homologs** 

 $8.0 \text{ ng/m}^3$ 

Sample Station J (Duplicate)
West 10th Street & Parkwin Avenue
JDAA102312

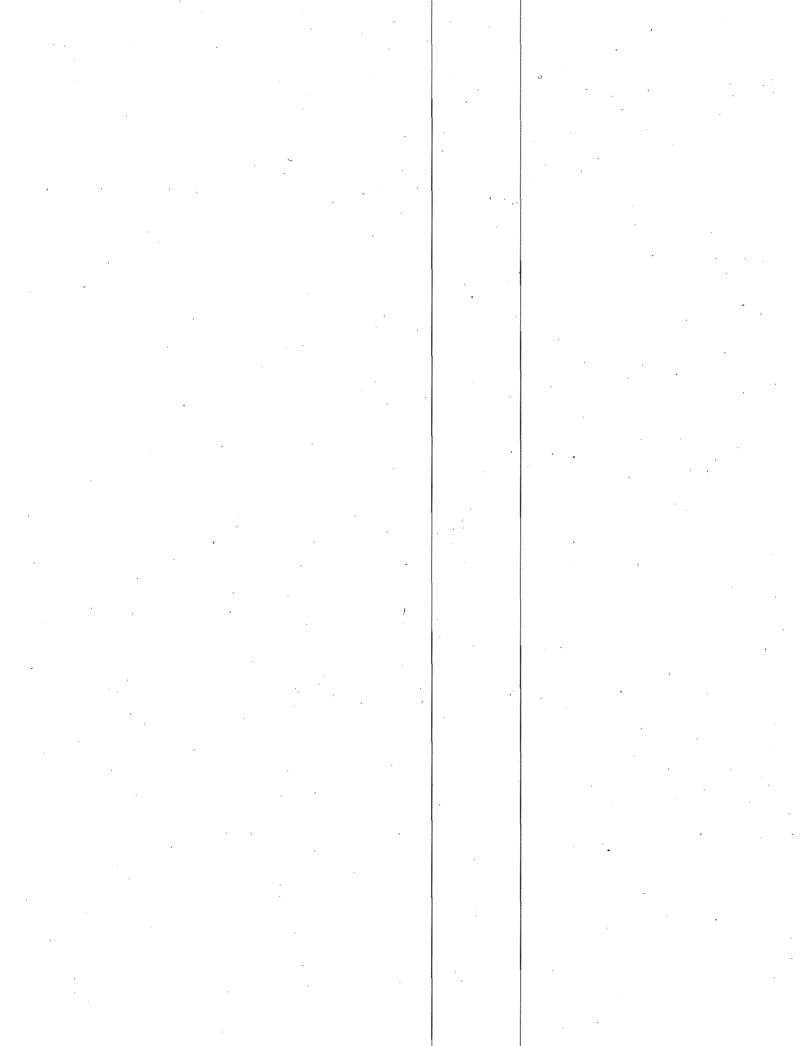
Total PCB Homologs

 $7.3 \text{ ng/m}^3$ 

### **QUALITY ASSURANCE**

Duplicate air sample results obtained from the samples collected at sample station J were similar, during both 24-hour sampling periods, confirming the method precision was good. Photos showing the collection of these air samples is recorded in Appendix B; Photos #4 and #5.

A field blank sampling cartridge was collected on each sampling day. A field blank cartridge is removed from the shipping container and placed in the sampler, but not exposed, to check the possibility of contamination of the air samples during handling, transport and storage. Analysis of the field blank cartridges showed trace level amounts of PCB homologs that are present in the ambient air. The amount of each homolog and the resulting Total PCBs that are present in each field blank are listed in Table 3. The PCB results found in the field blanks are typical for air samples analyzed by this methodology. The PCB concentrations detected in the field blanks do not affect the quality of the data.



## **TABLES**

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Table 2
PCB Homolog Analytes

PCB Homolog	CASRN	Chlorine Atom Substituents	Number of Congeners
Monochlorobiphenyl	27323-18-8	, 1	3
Dichlorobiphenyl	25512-42-9	2	12
Trichlorobiphenyl	25323-68-6	. 3	24 .
Tetrachlorobiphenyl	26914-33-0	4	42
Pentachlorobiphenyl	25429-29-2	.5	46
Hexachlorobiphenyl	26601-64-9	6	42
Heptachlorobiphenyl	28655-71-2	. 7	24
Octachlorobiphenyl	55722-26-4	. 8	12
Nonachlorobiphenyl	53742-07-7	9	.3
Decachlorobiphenyl	2051-24-3	10	. 1

**CASRN** = Chemical Abstracts Service Registry Number

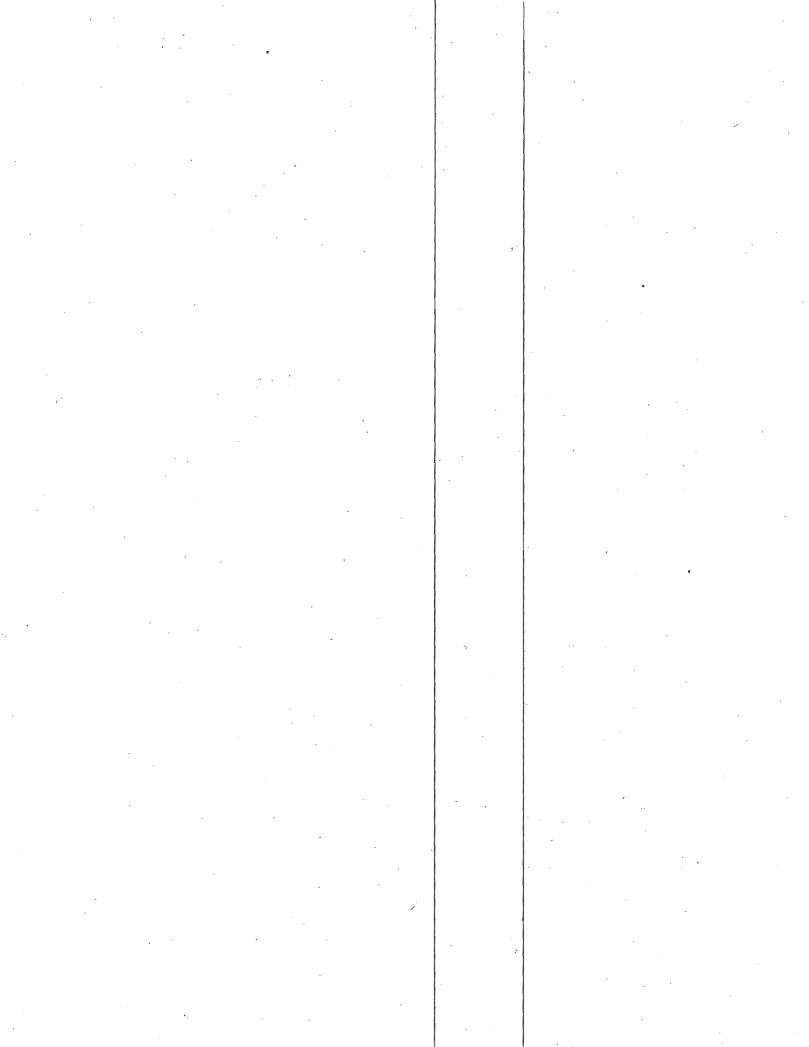
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Table 3

Anniston PCB Air Study PCB Homolog Sample Results
October 23-24, 2012

Stat	ion ID	Field Blank	Field Blank	F	F	$\Gamma^{2}$	Ι,	j	J	J	J
Sam	ple ID	FB102312	FB 102412	FAA 1023 12.	FAA102412	IAA 1023 12	IAA 102412	JAA102312	JAA102412	J DAA 102312	JDAA102412
. 1	Matrix	Field Blank	Field Blank	Ambient Air	Ambient Air	Ambient Air	Ambient Air	Ambient Air	Ambient Air	Ambient Air	Ambient Air
Sample	e Date	10/23/2012	10/24/2012	10/23/2012	10/24/2012	10/23/2012	10/24/2012	10/23/2012	10/24/2012	10/23/2012	10/24/2012
Analyte	Units	Part of the same									
Monochlorobiphenyl (Total)	ng/m3	0.00081	0.00022	0.16	0.15	13.	0.37	0.72	0.63	0.72	0.59
Dichloro biphenyl (Total)	ng/m3	0.058	0.04	0.4	0.4	9 .	2.8	2.6	2.8	2.6	2.6
Trichlorobiphenyl (Total)	ng/m3	0.027	0.019	0.38	0.37	10	3.6	2.9	2.6	2.9	2.4
Tetrachlorobiphenyl (Total)	ng/m3	0.021	0.017	0.54	0.49	4	16	. 16	1.5	16	12
Pentachloro biphenyl (Total)	ng/m3	0.014	0.01	0.19	0.18	0.62	0.27	03	0.34	0.3	0.32
Hexachlorobiphenyl (Total)	ng/m3 ,	0.012	0.014	0.074	0.063	0.19	0.094	0.09 +	0.11	0.09	0.11
Heptachloro biphenyl (Total)	ng/m3	0.0012	0.0042	0.022	0.015	0.036	0.017	0.021	0.028	0.021	0.026
Octachlorobiphenyl (Total)	ng/m3	0.00022	0.00022	0.0051	0.0038	0.0058	0.0011	0.0034	0.0077	0.0034	0.0068
No nachlo ro biphenyl (Total)	ng/m3	0.00022	0.00022	0.0025	0.0021	0.0044	0.0017	0.0042	0.0048	0.0042	0.0042
Total P CBs	ng/m3	: 0.B	0.11	18	17	26	8.8	8.1	8	8.1	7.3,

Air samples collected starting October 23, 2012 are highlighted in Yellow

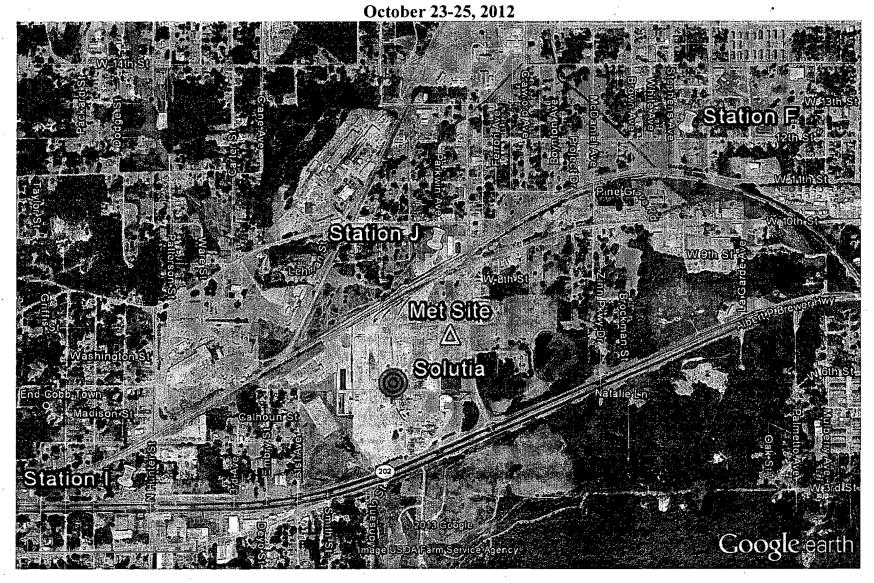


## APPENDIX A

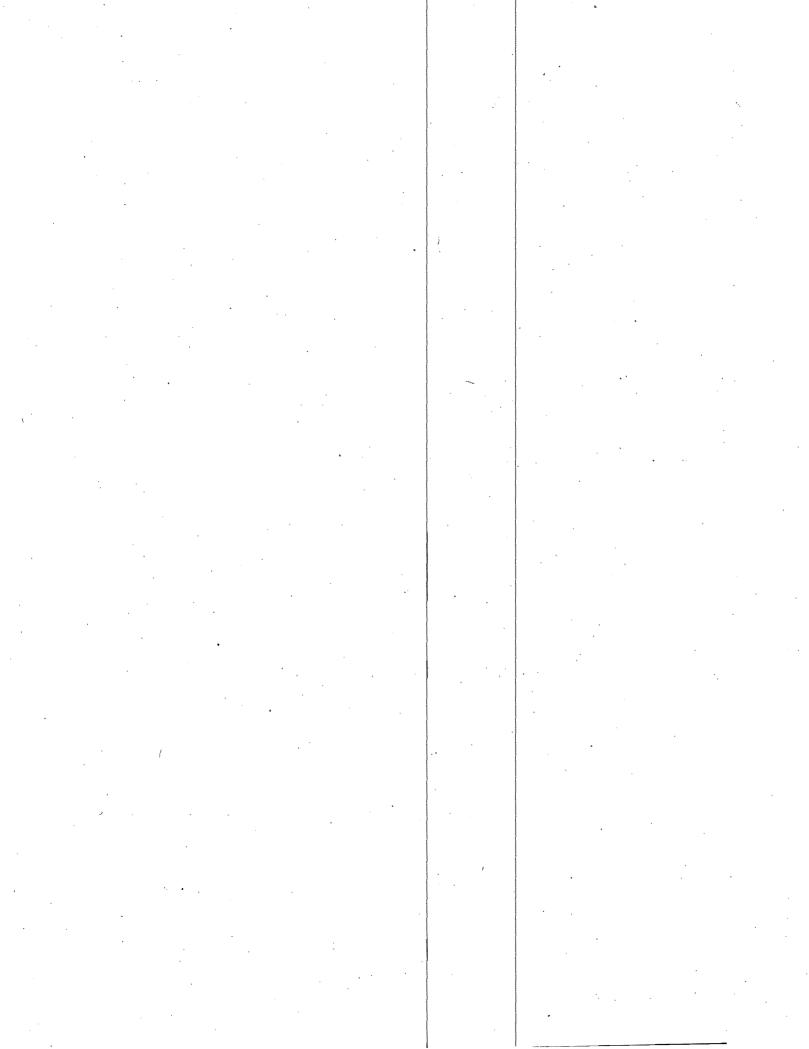
## SITE MAP

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Figure 1
Anniston PCB Air Study Sampling Stations



Page 14 of 23



### APPENDIX B

# SITE PHOTOGRAPHS

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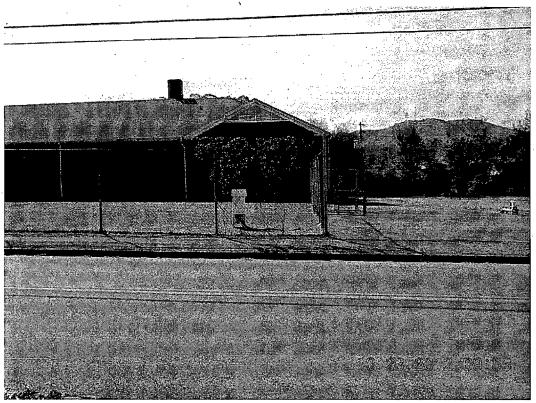


Photo #1 Sample Station F facing South

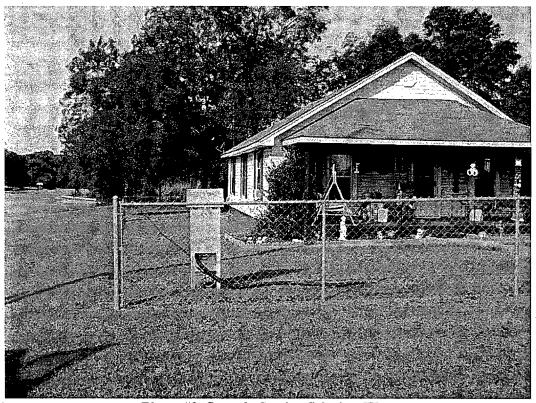


Photo #2 Sample Station I facing West

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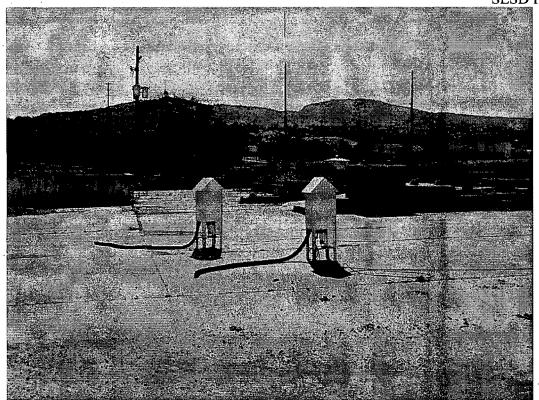
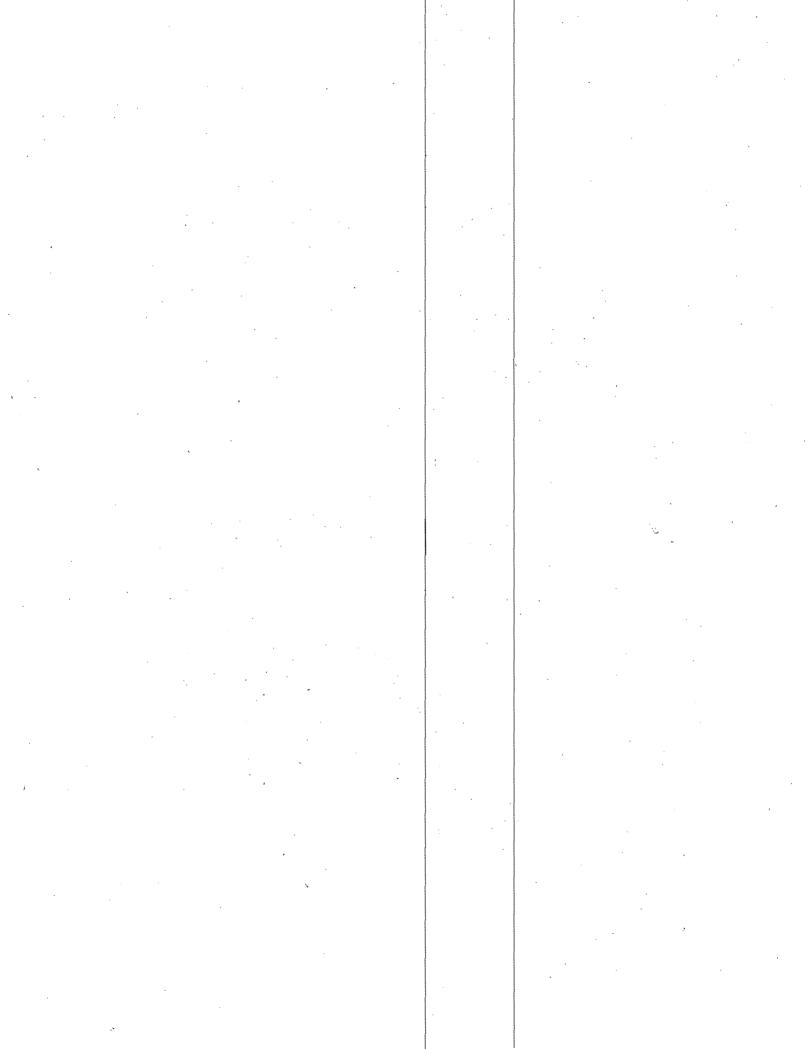


Photo #3 Duplicate Sample Station J facing South

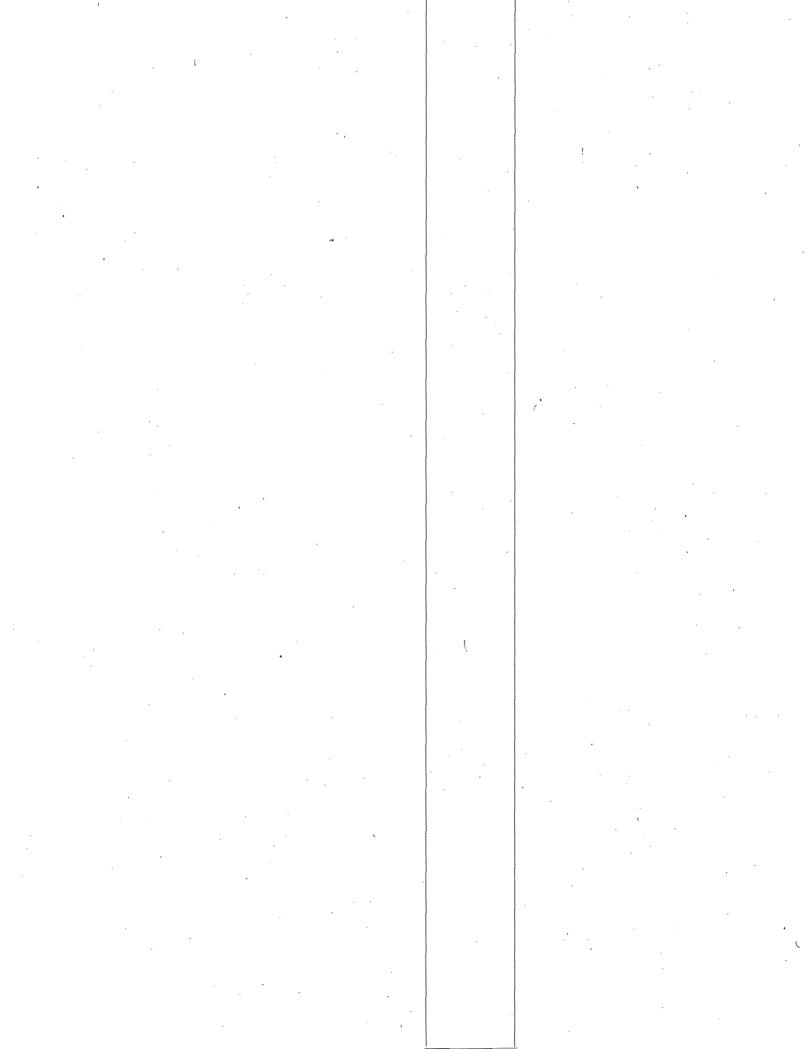


Photo #4 Meteorological Site facing Southeast



# APPENDIX C

## METEROLOGICAL DATA



## **Anniston PCB Air Study**

## Meteorological Data for 1st Sample Period October 23 to October 24, 2012

Date	Hour	Wind Speed (mph)	Wind Direction (degrees)
10/23/2012	9	2.7	83
10/23/2012	10	3	72
10/23/2012	11	3.4	· 55
10/23/2012	12	3.1	. 65
10/23/2012	13	4.2	138
10/23/2012	· 14	2.9	254
10/23/2012	15	2.7	106
10/23/2012	16	2.1	109
10/23/2012	1 <b>7</b>	1.6	127
10/23/2012	18	1.6	150
10/23/2012	19	0.2	126
10/23/2012	20	0.2	81
10/23/2012	21	0.5	100
10/23/2012	22	0.7	84
10/23/2012	23	0.7	68
10/24/2012	0	2 .	89
10/24/2012	1	0.4	70
10/24/2012	2	0.2	91
10/24/2012	3	0.1	116
10/24/2012	4	0.6	348
10/24/2012	5	0.1	335
10/24/2012	6	0.3	8
10/24/2012	7	0.6	38
10/24/2012	8	0.5	27
10/24/2012	9	1.6	46
10/24/2012	10	3.3	` 86
10/24/2012	11	2.7	65
10/24/2012	12	3.3	55

Meteorological Data from SESD Temporary Meteorological Station Hour = Central Daylight Time (local time)

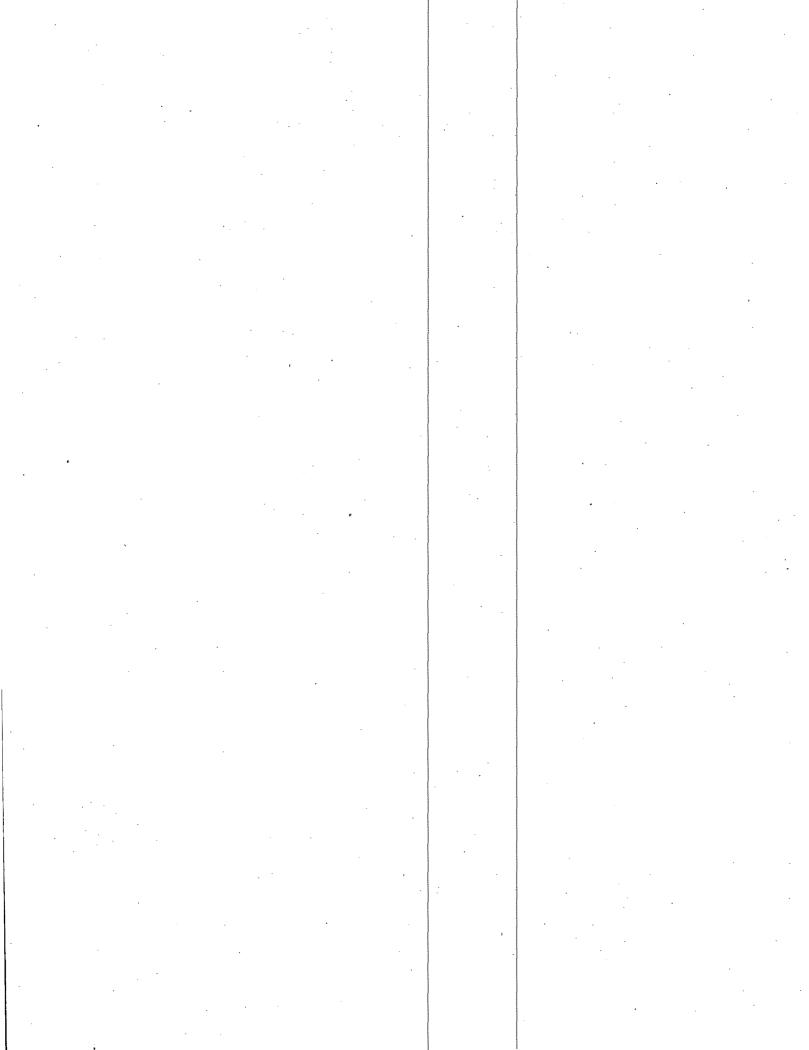
### **Anniston PCB Air Study**

## Meteorological Data for 2nd Sample Period October 24 to October 25, 2012

Date	Time CDT	Wind Speed (mph)	Wind Direction (degrees)
10/24/2012	9:53 AM	. 5.8	70
10/24/2012	10:53 AM	3.5	. 80
10/24/2012	11:53 AM	Calm	0
10/24/2012	12:53 PM	4.6	10
10/24/2012	1:53 PM	3.5	30
10/24/2012	2:53 PM	Calm	0
10/24/2012	3:53 PM	Calm	, O
10/24/2012	4:53 PM	4.6	· 120
10/24/2012	5:53 PM	Calm	. 0
10/24/2012	6:53 PM	Calm	0
10/24/2012	7:53 PM	Calm	0 .
10/24/2012	8:53 PM	Calm	0 ]
10/24/2012	9:53 PM	Calm	. 0
10/24/2012	11:53 PM	4.6	90
10/25/2012	12:53 AM	4.6	70
10/25/2012	1:53 AM	3.5	60
10/25/2012	5:53 AM	4.6	60
10/25/2012	7:53 AM	5.8	60
10/25/2012	9:53 AM	5.8	. 50
10/25/2012	11:53 AM	6.9	110

Meteorological Data from National Weather Service Station KANB, Anniston, Alabama Airport

CDT = Central Daylight Time (local time)



# APPENDIX D

# LABORATORY ANALYTICAL REPORT

(75 pages)

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

March 12, 2013

4SESD-MTSB

### **MEMORANDUM**

SUBJECT:

FINAL Analytical Report

Project: 13-0036, Anniston PCB Air Study

Superfund Remedial

FROM:

Jeffrey Hendel

Quality Assurance Section Chemist

THRU:

Marilyn Maycock, Chief

Quality Assurance Section

TO:

Tim Slagle

This data report is being reissued. Some or all of these results were previously reported. Please substitute the corrected results for those results previously reported. Please refer to the Report Narrative for more details.

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the associated contract Statement Of Work (SOW). In general, project data quality objectives have not been used to evaluate these data prior to release by the Quality Assurance Section. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report.

Analyses Included in this report:

Method Used:

PCB Aroclors (PCBA)

PCB Congeners

Contract SOW (Air)

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

Report Narrative for Work Order C124401, Project: 13-0036

Site Name: Anniston PCB Air Study

CLP Case No. n/a, ELEMENT Sample Nos. C124401-01 through C124401-10

Organic Analysis: Cape Fear Analytical, Wilmington, NC

The ESAT Work Team reviewed data for ten (10) air samples analyzed for Polychlorinated biphenyls (PCBs) Congeners per EPA Method 1668A. The samples were collected on 10/23/12 and 10/24/12, and were received by the laboratory on 10/25/12. The final data package was received on 11/27/12 by the USEPA Quality Assurance Section, Region 4 SESD/MTSB. The analytical results were reported in one sample delivery group (SDG) by the laboratory.

The laboratory satisfied all technical analysis and extraction holding time requirements. The laboratory submitted a "CLP-like" data package that was sufficient to perform Stage 4 validation manual review (S4VEM). The data package presents acceptable technical performance with qualifications.

Labeled monitoring compounds are used as surrogates in each sample for GC/MS analysis to monitor extraction efficiency.

Data quality factors requiring qualification of results are discussed below:

Several chlorinated biphenyl (CB) congeners were detected in the method blank associated with the samples in this Case. As a result, congeners #44 and/or 47, 65; #45 and/or 51; and #68 in samples C124401-01 and 02 and congener #68 in sample C124401-10 were qualified "U" (B-4).

Samples C124401-01 and 02 are field blanks which contained numerous positive results for congeners above the reporting limits. The field sample results were not compared to or qualified on the basis of field blank contamination as a part of this review in accordance with USEPA Region 4 policy. The end user of the data should evaluate the usability of the data based on the filed blanks.

Some mono- and di- chlorinated congeners in samples C124401-03 and 04 exhibited poor chromatography as evidenced by split and poorly shaped peaks. Affected results in these two samples were qualified "J" (CLP33).

The percent recoveries for labeled compounds were greater than the upper quality control limit in samples C124401-03, 04, 06, and 08. Any positive results associated with an out of control labeled analog was qualified "J" (QI-1).

The reporting limits for samples C124401-05, 06, 07, 08, 09, and 10 are elevated due to sample dilution.

Page 2 of 75 C124401 PCBA FINAL 03 12 13 0832 3/12/13 8:32

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

Data qualification factors are explained by the Region 4 - specific qualifier definitions which are included elsewhere in this report. Further details are provided in the complete data review report, which is on file in the Region 4 SESD Records Center.

## Re-Reported Data

Data re-reported on 3/11/13 to include the following:

- -Calculated new Toxic Equivalents to include mammal, fish, and avian for TEFs times zero for non-detects and times one half for non-detects. Six separate line items have been added to the report for each sample.
- Due to blank contamination, samples C124401-01, 02, and 10 were recalculated for Tetrachlorobiphenyl (Total) and Total PCBs to remove the contribution of the non-detects as qualified "U" based on the blank contamination.
- -Corrected original paragraph for surrogates.

cc: Nardina Turner

Page 3 of 75 C124

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

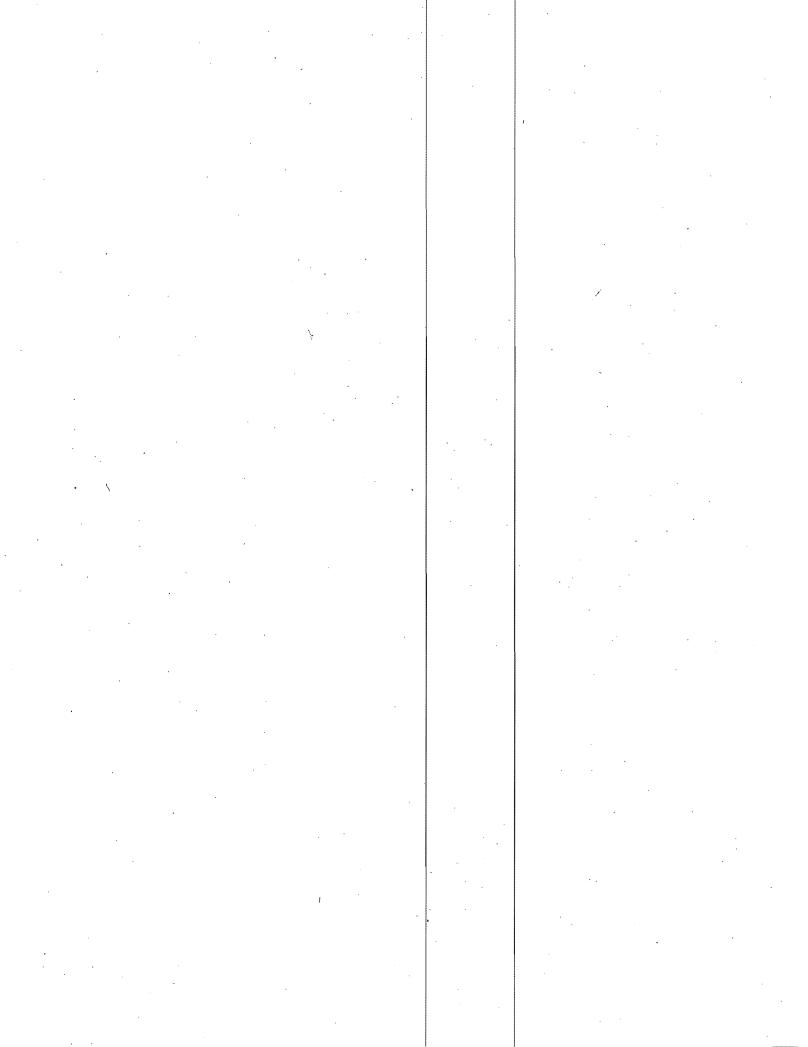
D.A:R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# SAMPLES INCLUDED IN THIS REPORT

## Project: 13-0036, Anniston PCB Air Study

Sample ID	Laboratory ID	Matrix	Date Collected
FB102312	C124401-01	Field Blank	10/23/12 09:16
FB102412	C124401-02	Field Blank	10/24/12 11:49
FAA102312	C124401-03	Ambient Air	10/23/12 10:25
FAA102412	C124401-04	Ambient Air	10/24/12 10:30
IAA102312	C124401-05	Ambient Air	10/23/12 09:40
IAA102412	C124401-06	Ambient Air	10/24/12 09:56
JAA102312	C124401-07	Ambient Air	10/23/12 11:15
JAA102412	C124401-08	Ambient Air	10/24/12 11:32
JDAA102312	C124401-09	Ambient Air	10/23/12 11:15
JDAA102412	C124401-10	Ambient Air	10/24/12 11:32





Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

#### DATA QUALIFIER DEFINITIONS

U The analyte was not detected at or above the reporting limit.

B-4 Level in blank impacts MRLs.

CLP33 Poor Chromatography - Split Peaks and/or Poor Peak Shape Present

J The identification of the analyte is acceptable; the reported value is an estimate.

OI-1 Internal standard was outside of method control limits.

#### ACRONYMS AND ABBREVIATIONS

CAS Chemical Abstracts Service

Note: Analytes with no known CAS identifiers have been assigned codes beginning with "E", the EPA ID as assigned by the EPA Substance Registry System (www.epa.gov/srs), or beginning with "R4-", a unique identifier assigned by the EPA Region 4 laboratory.

- MDL Method Detection Limit The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero.
- MRL Minimum Reporting Limit Analyte concentration that corresponds to the lowest demonstrated level of acceptable quantitation. The MRL is sample-specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments.
- TIC Tentatively Identified Compound An analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been analyzed to confirm the compound's identification or the estimated concentration reported.

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FB102312

Station ID:

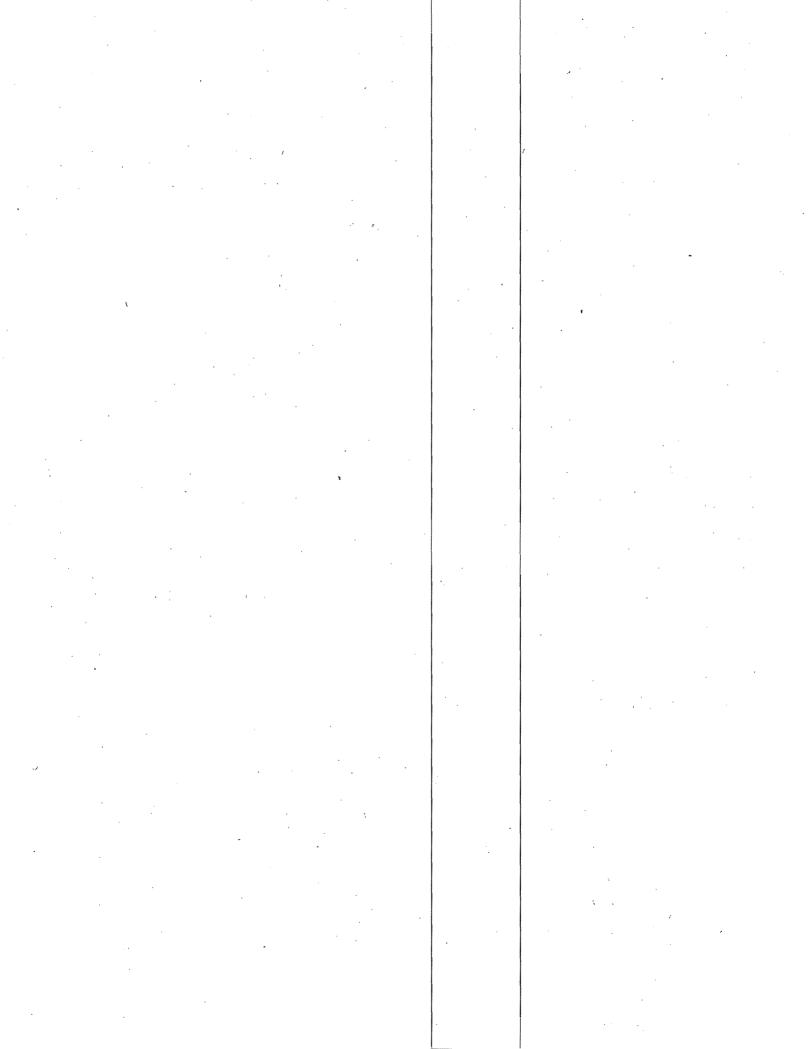
Lab ID: <u>C124401-01</u>

Matrix: Field Blank

Date Collected: 10/23/12 9:16

Ø45	William (	Parity Overline		115		Analyzal	
Number	Annivie	Results, Qualifiers	Units	MRL	e e nuceu	4mm) zen	e Meaning
25512-42-9	Dichlorobiphenyl (Total)	0.058	ng/m3	0.00023	10/29/12	11/07/12	Confract SOW
28655-71-2	Heptachlorobiphenyl (Total)	0.0012	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
26601-64-9	Hexachlorobiphenyl (Total)	0.012	ng/m3 🗐	0.00023	10/29/12	11/07/12	Contract SOW
27323-18-8	Monochlorobiphenyl (Total)	0.00081	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW .
53742-07-7	Nonachlorobiphenyl (Total)	0.00022	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
55722-26-4	Octachlorobiphenyl (Total)	0.00022	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
2051-60-7	PCB Congener # 1	0.00056 U	ng/m3	0:00056	10/29/12	11/07/12	Contract SOW
2051-61-8	PCB Congener # 2	0.00030	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
2051-62-9	PCB Congener # 3	0.00051	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
13029-08-8	PCB Congener # 4	0.0018	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
16605-91-7	PCB Congener # 5	0.00045 U	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
25569-80-6	PCB Congener # 6	0.00073	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
33284-50-3	PCB Congener # 7	0.00045 U	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
34883-43-7	PCB Congener # 8	0.0037	ng/m3	0.0023	10/29/12	11/07/12	Contract SOW
34883-39-1	PCB Congener # 9	0.00034	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
33146-45-1	PCB Congener # 10	0.00045 U	ng/m3 .	0.00045	10/29/12	11/07/12	Contract SOW
2050-67-1	PCB Congener # 11	0.050	ng/m3	0.0056	10/29/12	11/07/12	Contract SOW
R4-8000863	PCB Congener # 12 and/or 13	0.0021	ng/m3	0.00090	10/29/12	11/07/12	Contract SOW
34883-41-5	PCB Congener # 14	0:00045 U	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
2050-68-2	PCB Congener # 15	0.0022 U	ng/m3	0.0023	10/29/12	11/07/12	Contract SOW
38444-78-9	PCB Congener # 16	0.0019	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
37680-66-3	PCB Congener # 17	0.0022	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
R4-8000864	PCB Congener # 18 and/or 30	0.0040	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
38444-73-4	PCB Congener # 19	0.00062	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
R4-8000865	PCB Congener # 20 and/or 28	0.0051	ng/m3	0.0023	10/29/12	11/07/12	Contract SOW
R4-8000866	PCB Congener # 21 and/or 33	0.0035	ng/m3	0.00090	10/29/12	11/07/12	Contract SOW
38444-85-8	PCB Congener #/22 3	0.0018	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
55720-44-0	PCB Congener # 23	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
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Page 6 of 75 C124401 PCBA FINAL 03 12 13 0832





Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: <u>FB102312</u>

Station ID:

Lab ID: <u>C124401-01</u>

Matrix: Field Blank

Date Collected: 10/23/12 9:16

Date Con	ected: 10/25/12 9:16						
CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed . M	lethod
55702-45-9	PCB Congener # 24	0:00022 ⊍	ng/m3	0.00023	10/29/12	11/07/12	ontract SOW
55712-37-3	PCB Congener # 25	0.00040	ng/m3 .	0.00023	10/29/12	11/07/12 C	ontract SOW
R4-8000867	PCB Congener # 26 and/or 29	0.00085	ng/m3	0.00045	10/29/12	11/07/12	ontract SOW
38444-76-7	PCB Congener # 27	. 0.00033	ng/m3	0.00023	· 10/29/12	11/07/12 C	ontract SOW
16606-02-3	PCB Congener # 31	0.0048	ng/m3	0.0011	10/29/12	11/07/12 - C	ontract SOW
38444-77-8	PCB Congener # 32	. 0.0011	ng/m3	0.00023	10/29/12	11/07/12 C	ontract SOW
37680-68-5	PCB Congener # 34	0.00022 Ü	ng/m3	0.00023	10/29/12	11/07/12 C	ontract SOW
37680-69 <b>-</b> 6	PCB Congener # 35	0.00045 U	ng/m3	0.00045	10/29/12	11/07/12 C	ontract SOW
38444-87-0	PCB Congener # 36	0.00045.U	ng/m3	0.00045	10/29/12	11/07/12	ontract SOW
38444-90-5	PCB Congener # 37	0.0022 U	ng/m3	0.0023	10/29/12	11/07/12 C	ontract SOW
53555-66-1	PCB Congener # 38	0.00022 Ü	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
38444-88-1	PCB Congener # 39	0.00045 U	ng/m3	0.00045	10/29/12	11/07/12 C	ontract SOW
R4-8001051	PCB Congener # 40 and/or 71	0.0014	ng/m3	0.00045	10/29/12	11/07/12	ontract SOW
52663-59-9	PCB Congener # 41	0.00049	. ng/m3	0.00023	10/29/12	11/07/12 C	Contract SOW
36559-22-5	PCB Congener # 42	0:00068	ng/m3	0.00023	10/29/12	11/07/12	ontract SOW
70362-46-8	PCB Congener # 43	0.00045 U	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
R4-8000869	PCB Congener # 44 and/or 47,6	5 0.023 U, B-4	ng/m3	0.00068	10/29/12	11/07/12	Ontract SOW
R4-8000870	PCB Congener # 45 and/or 51	0.0035 U, B-4	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
41464-47-5	PCB Congener # 46	0.00036	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
70362-47-9	PCB Congener # 48	0.00065	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
R4-8000871	PCB Congener # 49 and/or 69	0.0017	ng/m3	0.00045	10/29/12	11/07/12	ontract SOW
R4-8000872	PCB Congener # 50 and/or 53	0.00045 U	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
35693-99-3	PCB Congener # 52	0.0052	ng/m3	0.00023,	10/29/12	11/07/12	ontract SOW
15968-05-5	PCB Congener # 54	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
74338-24-2	PCB Congener # 55	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12 (	Contract SOW
41464-43-1	PCB Congener # 56	0.0013	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
70424-67-8	PCB Congener # 57	0.000224Ú	ng/m3	0.00023	10/29/12	11/07/12	ontract SOW
41464-49-7	PCB Congener # 58	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
R4-8000873	PCB Congener # 59 and/or 62,7	0.00068 Ú	ng/m3	0.00068	10/29/12	11/07/12	ontract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB Aroclors**

Project: 13-0036, Anniston PCB Air Study

Sample ID: <u>FB102312</u>

Station ID:

Lab ID: C124401-01

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Date Collected: 10/23/12 9:16

C4S							
Number	Analyte	Results Qualifiers	Units	MKL	Prepared	Analyzed	Method
33025-41-1	PCB Congener # 60	0.00077	ng/m3	0:00045	10/29/12	11/07/12	Contract SOW
R4-8000874	PCB Congener # 61 and/or 70,74,76	0.0046	ng/m3	0.00090	10/29/12	11/07/12	Contract SOW
74472-34-7	PCB Congener # 63	0.00056 U	- ng/m3	0.00056	10/29/12	11/07/12	Contract SOW
52663-58-8	PCB Congener # 64	0.0013	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
32598-10-0	PCB Congener # 66	0.0024	ng/m3	0.00056	10/29/12	11/07/12	Contract SOW
73575-53-8	PCB Congener # 67	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
73575-52-7	PCB Congener # 68	0.00094 U, B-4	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
41464-42-0	PCB Congener # 72	0.00045 U	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
74338-23-1	PCB Congener # 73	0.00022.U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
32598-13-3	PCB Congener # 77	0.00026	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
70362-49-1	PCB Congener # 78	0.00022°U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
41464-48-6	PCB Congener # 79	0.00045 U	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
33284-52-5	PCB Congener # 80		ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
70362-50-4	PCB Congener # 81	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
52663-62-4	PCB Congener # 82	0.00056 U	ng/m3	0.00056	10/29/12	11/07/12	Contract SOW
60145-20-2	PCB Congener # 83	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
52663-60-2	PCB Congener # 84	0.00071	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
R4-8000876	PCB Congener # 85 and/or 116,117	0.00068 U	. ng/m3	0.00068	10/29/12	11/07/12	Contract SOW
E52450707	PCB Congener # 86 and/or 87.97,109,119,125	0.0015	ng/m3	0.0014	10/29/12	11/07/12	Contract SOW
R4-8000878	PCB Congener # 88 and/or 91	0.00045 U	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
73575-57-2	PCB Congener # 89	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
R4-8000879	PCB Congener # 90 and/or 101,113	0.0030	ng/m3	0.00068	10/29/12	11/07/12	Contract SOW
52663-61-3	PCB Congener # 92	0.00046	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
R4-8001052	PCB Congener # 93 and/or 100	0.00045 U	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
73575-55-0	PCB Congener # 94	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
38379-99-6	PCB Congener # 95	0.0028	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
73575-54-9	PCB Congener # 96	0:00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
R4-8001056	PCB Congener # 98 and/or 102	0.00045 U	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FB102312

Station ID:

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Matrix: Field Blank

Date Collected: 10/23/12 9:16

PCB Congener #103   0,00056 U   ng/m3   0,00056   10/2912   11/07/12   Contract SOW	CAS							
\$6145-21-3 PCB Congener #103 0,00056 U ng/m3 0,00055 1029/12 1107/12 Contract SOW 05658-16-8. PCB Congener #104 0700022 U ng/m3 0,00023 1029/12 1107/12 Contract SOW 07042-66-9 PCB Congener #105 0,00045 U ng/m3 0,00023 1029/12 1107/12 Contract SOW 07042-66-9 PCB Congener #107 0,00045 U ng/m3 0,00023 1029/12 1107/12 Contract SOW 07042-66-9 PCB Congener #108 analyor 124 0,00045 U ng/m3 0,00045 1029/12 1107/12 Contract SOW 07042-66-9 PCB Congener #108 analyor 124 0,00045 U ng/m3 0,00045 1029/12 1107/12 Contract SOW 07042-66-9 PCB Congener #110 and/or 115 0,00025 ng/m3 0,00045 1029/12 1107/12 Contract SOW 07042-66-9 PCB Congener #110 and/or 115 0,00025 ng/m3 0,00045 1029/12 1107/12 Contract SOW 07042-66-9 PCB Congener #112 0,00022 U ng/m3 0,00023 1029/12 1107/12 Contract SOW 07042-3-9 PCB Congener #114 0,00022 U ng/m3 0,00023 1029/12 1107/12 Contract SOW 07042-3-9 PCB Congener #114 0,00022 U ng/m3 0,00023 1029/12 1107/12 Contract SOW 07042-3-9 PCB Congener #118 0,0014 ng/m3 0,00023 1029/12 1107/12 Contract SOW 07042-3-9 PCB Congener #12 0,00022 U ng/m3 0,00023 1029/12 1107/12 Contract SOW 07042-3-9 PCB Congener #12 0,00022 U ng/m3 0,00023 1029/12 1107/12 Contract SOW 07042-3-9 PCB Congener #12 0,00022 U ng/m3 0,00023 1029/12 1107/12 Contract SOW 07042-3-9 PCB Congener #12 0,00022 U ng/m3 0,00023 1029/12 1107/12 Contract SOW 07042-3-9 PCB Congener #12 0,00022 U ng/m3 0,00023 1029/12 1107/12 Contract SOW 07045-2-3-8 PCB Congener #123 0,00022 U ng/m3 0,00023 1029/12 1107/12 Contract SOW 07045-2-3-8 PCB Congener #125 0,00022 U ng/m3 0,00023 1029/12 1107/12 Contract SOW 07045-2-3-8 PCB Congener #125 0,00022 U ng/m3 0,00023 1029/12 1107/12 Contract SOW 07045-2-3-8 PCB Congener #125 0,00022 U ng/m3 0,00023 1029/12 1107/12 Contract SOW 07045-2-3-8 PCB Congener #125 0,00022 U ng/m3 0,00023 1029/12 1107/12 Contract SOW 07045-2-3-8 PCB Congener #125 0,00022 U ng/m3 0,00023 1029/12 1107/12 Contract SOW 07045-2-3-8 PCB Congener #131 0,00022 U ng/m3 0,00023 1029/12 1107/12 Contract SOW 07045-3-3-9 PCB Congener #131 0,00022 U ng/m	Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
1.00022   1.00023   1.00023   1.00023   1.00023   1.00023   1.000023   1.000023   1.000023   1.000023   1.000023   1.000023   1.000023   1.000023   1.000023   1.000023   1.000023   1.000023   1.000023   1.000023   1.000023   1.000023   1.0000023   1.00000000000000000000000000000000000	38380-01-7-	PCB Congener # 99	0.00072	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   10,000   1	60145-21-3	PCB Congener #103	0.00056 U	ng/m3	0.00056	10/29/12	11/07/12	Contract SOW
PCB Congener #106   0.00022 U   ng/m3   0.00023   10,2912   11/07/12   Contract SOW	56558-16-8:	PCB Congener #104	0.00022 U	* ng/m3 ·	0.00023	10/29/12	11/07/12	Contract SOW
PCB Congener #107   0.00045 U   ng/m3   0.00045   10/29/12   11/07/12   Contract SOW	32598-14-4	PCB Congener #105	0.00046	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
R4-8001053 PCB Congener #108 and/or 124 0.00045 U ng/m3 0.00045 10/29/12 11/07/12 Contract SOW R4-8000882 PCB Congener #110 and/or 115 0.0022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-36-9 PCB Congener #111 0:00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-37-0 PCB Congener #14 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-37-0 PCB Congener #14 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-37-0 PCB Congener #18 0.0014 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-37-0 PCB Congener #120 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 76842-07-4 PCB Congener #121 0.00036 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 76842-07-4 PCB Congener #122 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7465-28-8 PCB Congener #123 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7465-28-8 PCB Congener #127 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7465-28-8 PCB Congener #127 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7465-28-8 PCB Congener #129 and/or 138,163 0.0024 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7465-28-8 PCB Congener #129 and/or 138,163 0.0024 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7465-6-8 PCB Congener #131 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7465-6-8 PCB Congener #131 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7465-6-8 PCB Congener #131 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7465-6-8 PCB Congener #133 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7465-6-8 PCB Congener #133 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7465-6-8 PCB Congener #133 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7465-6-8 PCB Congener #134 0.00011 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7465-6-8 PCB Congener #133 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7465-6-8 PCB Congener #133 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7465-6-8 PCB Congener #133 0.00023 10/29/12 11/07/12 Contract SOW 7465-6-8 PCB Congener #134 0.00014 n	70424-69-0	PCB Congener #106	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
R4-8000882 PCB Congener #110 and/or 115 0.0025 ng/m3 0.00045 10/29/12 11/07/12 Contract SOW 39635-32-0 PCB Congener #111 0.000022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-36-9 PCB Congener #112 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-37-0 PCB Congener #114 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 31508-00-6 PCB Congener #118 0.0014 ng/m3 0.00045 10/29/12 11/07/12 Contract SOW 68194-12-7 PCB Congener #120 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 6842-07-4 PCB Congener #121 0.00036 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 65510-44-3 PCB Congener #123 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 67465-28-8 PCB Congener #126 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 33635-33-1 PCB Congener #127 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 67465-28-8 PCB Congener #128 and/or 166 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 67465-28-8 PCB Congener #128 and/or 166 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 67465-28-8 PCB Congener #129 and/or 138,163 0.0024 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 67565-6-8 PCB Congener #129 and/or 138,163 0.0022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 61798-70-7 PCB Congener #130 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 61798-70-7 PCB Congener #131 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 61798-70-7 PCB Congener #131 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 61798-70-7 PCB Congener #133 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 61798-70-7 PCB Congener #133 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 61798-70-7 PCB Congener #133 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 61798-70-7 PCB Congener #134 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 61798-70-7 PCB Congener #133 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 61798-70-7 PCB Congener #134 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 61798-70-70-70-70-70-70-70-70-70-70-70-70-70-	70424-68-9	PCB Congener #107	0.00045 U	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
19635-32-0   PCB Congener #111   0.00022 U ng/m3   0.00025   10.29/12   11/07/12   Contract SOW	R4-8001053	PCB Congener #108 and/or 124	0.00045 U	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
PCB Congener #112	R4-8000882	PCB Congener #110 and/or 115	0.0025	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
74472-37-0 PCB Congener #114	39635-32-0	PCB Congener #111	4. C. 0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
31508-00-6   PCB Congener #118   0.0014   ng/m3   0.00045   10/29/12   11/07/12   Contract SOW	74472-36-9		0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	.Contract SOW.
68194-12-7         PCB Congener #120         0:00022 U         ng/m3         0:00023         10/29/12         11/07/12         Contract SOW           56558-18-0         PCB Congener #121         0.00036         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           76842-07-4         PCB Congener #122         0.00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           65510-44-3         PCB Congener #123         0.00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           57465-28-8         PCB Congener #126         0:00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           39635-33-1         PCB Congener #127         0.00022 U         ng/m3         0.00045         10/29/12         11/07/12         Contract SOW           R4-8000883         PCB Congener #128 and/or 166         0:00045 U         ng/m3         0.00045         10/29/12         11/07/12         Contract SOW           R4-8001054         PCB Congener #129 and/or 138,163         0.0024         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           52663-66-8         PCB Congener #131         0.00022 U	74472-37-0	PCB Congener #114	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
56558-18-0         PCB Congener #121         0.00036         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           76842-07-4         PCB Congener #122         0.00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           65510-44-3         PCB Congener #123         0.00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           57465-28-8         PCB Congener #126         0.00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           39635-33-1         PCB Congener #127         0.00022 U         ng/m3         0.00045         10/29/12         11/07/12         Contract SOW           R4-8001054         PCB Congener #128 and/or 138,163         0.0024         ng/m3         0.00068         10/29/12         11/07/12         Contract SOW           82663-66-8         PCB Congener #130         0.00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           38380-05-1         PCB Congener #131         0.00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           52704-70-8         PCB Congener #134         0.00022 U         ng/m3	31508-00-6			ng/m3 .	0.00045	10/29/12	11/07/12	Contract SOW
76842-07-4         PCB Congener #122         0.00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           65510-44-3         PCB Congener #123         0.00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           57465-28-8         PCB Congener #126         0.00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           39635-33-1         PCB Congener #127         0.00022 U         ng/m3         0.00045         10/29/12         11/07/12         Contract SOW           R4-8000883         PCB Congener #128 and/or 166         0.00045 U         ng/m3         0.00045         10/29/12         11/07/12         Contract SOW           R4-8001054         PCB Congener #129 and/or 138,163         0.0024         ng/m3         0.00068         10/29/12         11/07/12         Contract SOW           52663-66-8         PCB Congener #130         0.00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           61798-70-7         PCB Congener #132         +0.0011         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           38380-05-1         PCB Congener #133         0.00022 U	68194-12-7	PCB Congener #120	0:00022 U	ng/m3. =	0.00023	10/29/12	11/07/12	Contract SOW
65510-44-3         PCB Congener #123         0.00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           57465-28-8         PCB Congener #126         0.00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           39635-33-1         PCB Congener #127         0.00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           R4-8000883         PCB Congener #128 and/or 166         0.00045 U         ng/m3         0.00045         10/29/12         11/07/12         Contract SOW           R4-8001054         PCB Congener #129 and/or 138,163         0.0024         ng/m3         0.00068         10/29/12         11/07/12         Contract SOW           52663-66-8         PCB Congener #130         0.00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           61798-70-7         PCB Congener #131         0.00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           38380-05-1         PCB Congener #133         0.00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           52704-70-8         PCB Congener #134         0.00022 U <t< td=""><td>56558-18-0</td><td>-</td><td>0.00036:</td><td>ng/m3</td><td>0.00023</td><td>10/29/12</td><td>11/07/12</td><td>Contract SOW</td></t<>	56558-18-0	-	0.00036:	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
97465-28-8 PCB Congener #126 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW ng/m3 0.00023 10/29/12 11/07/12 Contract SOW ng/m3 0.00045 10/29/12 11/07/12 Contract SOW ng/m3 0.00068 10/29/12 11/07/12 Contract SOW ng/m3 0.00068 10/29/12 11/07/12 Contract SOW ng/m3 0.00068 10/29/12 11/07/12 Contract SOW ng/m3 0.00023 10/29/12 11/07/12 Contract SOW ng/m3 0.00025 10/29/12 11/0	76842-07-4	PCB Congener #122	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
39635-33-1 PCB Congener #127 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW R4:8000883 PCB Congener #128 and/or 166 0.00045 U ng/m3 0.00045 10/29/12 11/07/12 Contract SOW R4-8001054 PCB Congener #129 and/or 138,163 0.0024 ng/m3 0.00068 10/29/12 11/07/12 Contract SOW 52663-66-8 PCB Congener #130 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 61798-70-7 PCB Congener #131 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 38380-05-1 PCB Congener #132 0.00011 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 35694-04-3 PCB Congener #133 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52704-70-8 PCB Congener #134 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW R4-8001055 PCB Congener #135 and/or 151 0.0014 ng/m3 0.00045 10/29/12 11/07/12 Contract SOW	65510-44-3	PCB Congener #123	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
R4:8000883 PCB Congener #128 and/or 166 0.00045 U ng/m3 0.00045 10/29/12 11/07/12 Contract SOW R4-8001054 PCB Congener #129 and/or 138,163 0.0024 ng/m3 0.00068 10/29/12 11/07/12 Contract SOW 52663-66-8 PCB Congener #130 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 61798-70-7 PCB Congener #131 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 38380-05-1 PCB Congener #132 10/0011 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 35694-04-3 PCB Congener #133 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52704-70-8 PCB Congener #134 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW R4-8001055 PCB Congener #135 and/or 151 0.0014 ng/m3 0.00045 10/29/12 11/07/12 Contract SOW	57465-28-8	PCB Congener #126	- 0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
R4-8001054 PCB Congener #129 and/or 138,163 0.0024 ng/m3 0.00068 10/29/12 11/07/12 Contract SOW 52663-66-8 PCB Congener #130 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 61798-70-7 PCB Congener #131 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 38380-05-1 PCB Congener #132 +0.0011 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 35694-04-3 PCB Congener #133 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52704-70-8 PCB Congener #134 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW R4-8001055 PCB Congener #135 and/or 151 0.0014 ng/m3 0.00045 10/29/12 11/07/12 Contract SOW	39635-33-1	PCB Congener #127	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
52663-66-8 PCB Congener #130 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 61798-70-7 PCB Congener #131 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 38380-05-1 PCB Congener #132 +0.0011 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 35694-04-3 PCB Congener #133 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52704-70-8 PCB Congener #134 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW R4-8001055 PCB Congener #135 and/or 151 0.0014 ng/m3 0.00045 10/29/12 11/07/12 Contract SOW	R4-8000883	PCB Congener #128 and/or 166	0.00045 U,	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
61798-70-7 PCB Congener #131 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 38380-05-1 PCB Congener #132 10.0011 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 35694-04-3 PCB Congener #133 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52704-70-8 PCB Congener #134 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW R4-8001055 PCB Congener #135 and/or 151 0.0014 ng/m3 0.00045 10/29/12 11/07/12 Contract SOW	R4-8001054		0.0024	ng/m3	0.00068	10/29/12	11/07/12	Contract SOW
38380-05-1 PCB/Congener #132 +0.0011 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 35694-04-3 PCB Congener #133 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52704-70-8 PCB Congener #134 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW R4-8001055 PCB Congener #135 and/or 151 0.0014 ng/m3 0.00045 10/29/12 11/07/12 Contract SOW	52663-66-8	PCB Congener #130	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
35694-04-3 PCB Congener #133 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52704-70-8 PCB Congener #134	61798-70-7	PCB Congener #131	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
52704-70-8 PCB Congener #134 0.00022 U.; ng/m3 0.00023 10/29/12 11/07/12 Contract SOW. R4-8001055 PCB Congener #135 and/or 151 0.0014 ng/m3 0.00045 10/29/12 11/07/12 Contract SOW	38380-05-1	PCB Congener #132	+0.0011	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
R4-8001055 PCB Congener #135 and/or 151 0.0014 ng/m3 0.00045 10/29/12 11/07/12 Contract SOW	35694-04-3	PCB Congener #133	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
	52704-70-8	PCB Congener #134	0:00022, ⊍.;	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
38411-22-2 PCB/Congener #136 0.00065 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW	R4-8001055	PCB Congener #135 and/or 151		ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
	38411-22-2	PCB:Congener #136	0.00065	ng/m3	0,00023	10/29/12	11/07/12	Contract SOW
35694-06-5 PCB Congener #137 0.00022 U ng/m3 0.00023 [0/29/12 11/07/12 Contract SOW	35694-06-5	PCB Congener #137	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
R4-8000887 PCB Congener #139 and/or 140	R4-8000887	PCB Congener #139 and/or 140		ng/m3	0.00045	- 10/29/12	11/07/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: <u>FB102312</u>

Station ID:

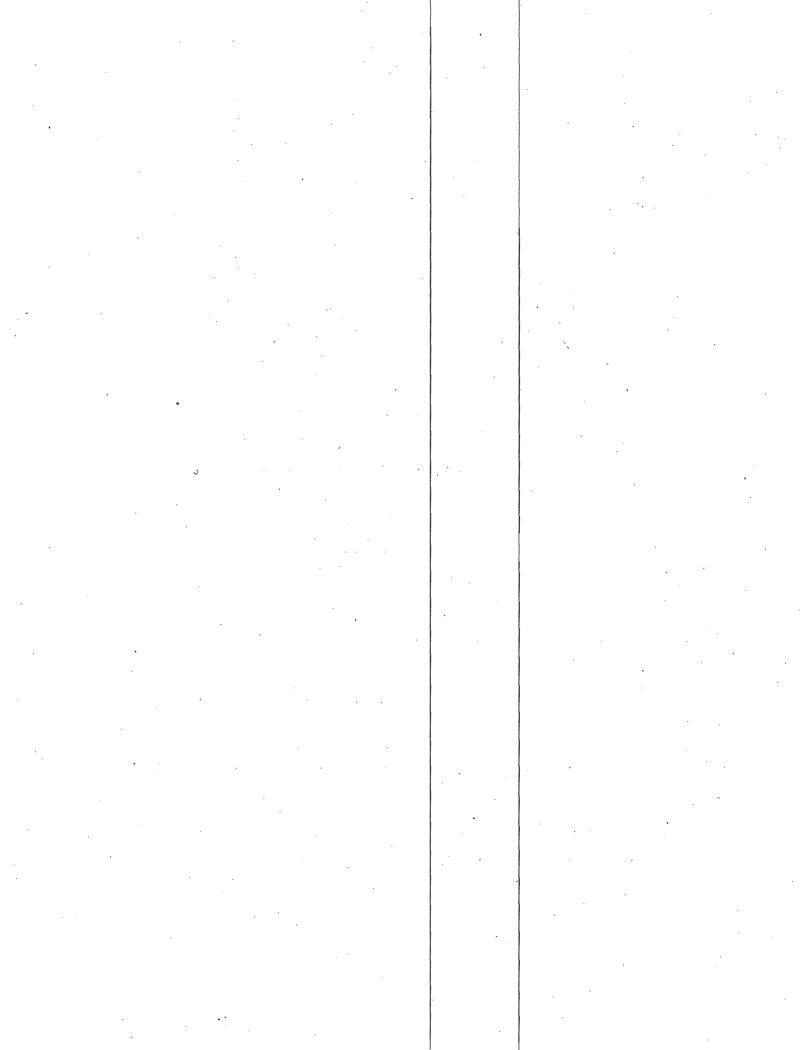
Lab ID: <u>C124401-01</u>

Matrix: Field Blank

Date Collected: 10/23/12 9:16

\$2712-04-6 PCB Congener #142	C4S Number	- Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed Method
88194-15-3 PGB Congener #143	52712-04-6	PCB Congener #1/41	0.00064	ng/m3	0.00045	10/29/12	11/07/12 Contract SOW
Ref	41411-61-4	PCB Congener #142	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12 Contract SOW
7.4472 40:5 PCB Congener #145 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7.4472-41-6 PCB Congener #148 0.00039 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7.4472-41-6 PCB Congener #148 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7.4472-41-6 PCB Congener #148 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7.4472-41-6 PCB Congener #150 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7.4472-41-6 PCB Congener #150 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7.4472-41-6 PCB Congener #150 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7.4472-42-4 PCB Congener #154 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7.4472-42-7 PCB Congener #155 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7.4472-42-7 PCB Congener #156 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7.4472-42-7 PCB Congener #159 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7.4472-43-8 PCB Congener #160 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7.4472-43-8 PCB Congener #160 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7.4472-45-0 PCB Congener #164 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7.4472-45-0 PCB Congener #167 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7.4472-45-0 PCB Congener #167 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7.4472-45-0 PCB Congener #167 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7.4472-45-0 PCB Congener #167 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7.4472-45-0 PCB Congener #167 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7.4472-45-0 PCB Congener #167 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7.4472-45-0 PCB Congener #167 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7.4472-45-0 PCB Congener #167 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7.4472-45-0 PCB Congener #167 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7.4472-45-0 PCB Congener #167 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 7.4472-	68194-15-0	PCB Congener #143	-0:00022 U	ng/m3	₹0.000 <b>2</b> 3	10/29/12	11/07/12 Contract SOWs
STOR-16-8   PCB Congener #146   0.00039   ng/m3   0.00023   10/29/12   11/07/12   Contract SOW	68194-14-9	PCB Congener #144	0.00023	ng/m3	0.00023	10/29/12	11/07/12 Contract SOW
R4-5000888 PCB Congener #148	74472-40-5	PCB Congener #145	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12 Contract SOW
74472-41-6 PCB Congener #148 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 68194-08-1 PCB Congener #150 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 68194-09-2 PCB Congener #152 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 68194-09-2 PCB Congener #153 and/or 168 0.00025 ng/m3 0.00090 10/29/12 11/07/12 Contract SOW 60145-22-4 PCB Congener #154 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 33979-03-2 PCB Congener #155 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-42-7 PCB Congener #158 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-42-7 PCB Congener #159 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 41471-65 PCB Congener #160 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 39635-34-2 PCB Congener #161 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-43-8 PCB Congener #164 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-43-8 PCB Congener #160 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-43-8 PCB Congener #160 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-44-10 PCB Congener #164 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-44-10 PCB Congener #164 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-44-10 PCB Congener #167 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-44-10 PCB Congener #167 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-44-10 PCB Congener #169 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-44-10 PCB Congener #169 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-44-10 PCB Congener #169 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-44-10 PCB Congener #169 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-44-10 PCB Congener #169 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-44-10 PCB Congener #169 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-45-10 PCB Congener #170 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-45-10	51908-16-8	PCB Congener #146	0.00039	ng/m3	0.00023	10/29/12	11/07/12 Contract SOW
68194-08-1 PCB Congener #150	R4-8000888	PCB Congener #147 and/or 149	0.0030-75-1	ng/m3	0.00090	10/29/12	11/07/12 Contract SOW
68194-09-2 PCB Congener #152	74472-41-6	PCB Congener #148	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12 Contract SOW
R4-8000889 PCB Congener #153 and/or 168 0.0025 ng/m3 0.00090 10.25/12 11.07/12 Contract SOW 60145-22-4 PCB Congener #154 0.00022 U ng/m3 0.00023 10.29/12 11/07/12 Contract SOW 33979-03-2 PGB Congener #155 0.00022 U ng/m3 0.00023 10.29/12 11/07/12 Contract SOW 74472-42-7 PCB Congener #155 and/or 157 0.00045 U ng/m3 0.00045 10.29/12 11/07/12 Contract SOW 74472-42-7 PCB Congener #158 0.00022 U ng/m3 0.00023 10.29/12 11/07/12 Contract SOW 39635-35-3 PCB Congener #159 0.00022 U ng/m3 0.00023 10.29/12 11/07/12 Contract SOW 41441-62-5 PCB Congener #160 0.00022 U ng/m3 0.00023 10.29/12 11/07/12 Contract SOW 74472-43-8 PCB Congener #161 0.00022 U ng/m3 0.00023 10.29/12 11/07/12 Contract SOW 39635-34-2 PCB Congener #162 0.00022 U ng/m3 0.00023 10.29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #164 0.00022 U ng/m3 0.00023 10.29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #165 0.00022 U ng/m3 0.00023 10.29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #165 0.00022 U ng/m3 0.00023 10.29/12 11/07/12 Contract SOW 52663-72-6 PCB Congener #165 0.00022 U ng/m3 0.00023 10.29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #169 0.00022 U ng/m3 0.00023 10.29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #169 0.00022 U ng/m3 0.00023 10.29/12 11/07/12 Contract SOW 32663-72-6 PCB Congener #170 0.00022 U ng/m3 0.00023 10.29/12 11/07/12 Contract SOW 32663-72-6 PCB Congener #170 0.00022 U ng/m3 0.00023 10.29/12 11/07/12 Contract SOW 32663-74-8 PCB Congener #170 0.00022 U ng/m3 0.00023 10.29/12 11/07/12 Contract SOW 32663-74-8 PCB Congener #170 0.00022 U ng/m3 0.00023 10.29/12 11/07/12 Contract SOW 32663-74-8 PCB Congener #175 0.00022 U ng/m3 0.00023 10.29/12 11/07/12 Contract SOW 32663-74-8 PCB Congener #175 0.00022 U ng/m3 0.00023 10.29/12 11/07/12 Contract SOW 32663-74-8 PCB Congener #175 0.00022 U ng/m3 0.00023 10.29/12 11/07/12 Contract SOW 32663-74-8 PCB Congener #175 0.00022 U ng/m3 0.00023 10.29/12 11/07/12 Contract SOW 32663-74-8 PCB Congener #175 0.00022 U ng/m3 0.00023 10.29/12 11/07/12 Contract SOW 40186-70-7	68194-08-1	PCB Congener #150	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12 Contract SOW
60145-22-4 PCB Congener #154 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 33979-03-2 PGB Congener #155 0.00023 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW R4-8000890 PCB Congener #156 and/or 157 0.00045 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-42-7. PCB Congener #158 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 39635-35-3 PCB Congener #159 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 41411-62-5 PCB Congener #160 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-43-8 PCB Congener #161 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #162 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #164 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #165 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #167 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52663-72-6 PCB Congener #167 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52663-72-6 PCB Congener #169 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #170 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 32663-74-8 PCB Congener #170 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #171 and/or/173 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #174 0.00039 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #174 0.00039 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #175 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #175 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #175 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #174 0.00039 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #175 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #175 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52663-74-8 PC	68194-09-2	PCB Congener #152	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12 Contract SOW
33979-03-2 PCB Congener #155	R4-8000889	PCB Congener #153 and/or 168	0.0025	ng/m3	0.00090	10/29/12	11/07/12 Contract SOW
R4-8000890 PCB Congener #156 and/or 157 0.00045 U ng/m3 0.00045 10/29/12 11/07/12 Contract SOW 74472-42-7. PCB Congener #158 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 39635-35-3 PCB Congener #169 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 41/411-62-5 PCB Congener #160 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-43-8 PCB Congener #161 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 39635-34-2 PCB Congener #162 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #164 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-46-1 U PCB Congener #165 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52663-72-6 PCB Congener #167 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #169 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 35065-30-6 PCB Congener #170 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 35065-30-6 PCB Congener #170 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 84-8000891 PCB Congener #170 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #172 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 38411-25-5 PCB Congener #174 0.00039 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 9CB Congener #174 0.00039 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 9CB Congener #175 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 9CB Congener #175 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 9CB Congener #175 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 9CB Congener #175 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 9CB Congener #175 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 9CB Congener #175 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 9CB Congener #175 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 9CB Congener #175 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 9CB Congener #175 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 9CB Congener #175 0.00022 U ng/m3 0.00023 10/	60145-22-4	PCB Congener #154	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12 Contract SOW
74472-42-7. PCB Congener #158 0:00022 U ng/m3 0:00023 10:29/12 11/07/12 Contract SOW 39635-35-3 PCB Congener #159 0:00022 U ng/m3 0:00023 10:29/12 11/07/12 Contract SOW 41/411-62-5. PCB Congener #160 0:00022 U ng/m3 0:00023 10:29/12 11/07/12 Contract SOW 74472-43-8 PCB Congener #161 0:00022 U ng/m3 0:00023 10:29/12 11/07/12 Contract SOW 39635-34-2 PCB Congener #162 0:00022 U ng/m3 0:00023 10:29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #164 0:00022 U ng/m3 0:00023 10:29/12 11/07/12 Contract SOW 74472-46-1 PCB Congener #165 0:00022 U ng/m3 0:00023 10:29/12 11/07/12 Contract SOW 52663-72-6 PCB Congener #167 0:00022 U ng/m3 0:00023 10:29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #169 0:00022 U ng/m3 0:00023 10:29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #170 0:00022 U ng/m3 0:00023 10:29/12 11/07/12 Contract SOW 35065-30-6 PCB Congener #170 0:00022 U ng/m3 0:00023 10:29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #171 and/or 1773 0:00045 U ng/m3 0:00023 10:29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #174 0:00022 U ng/m3 0:00023 10:29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #174 0:00022 U ng/m3 0:00023 10:29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #174 0:00022 U ng/m3 0:00023 10:29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #174 0:00022 U ng/m3 0:00023 10:29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #174 0:00022 U ng/m3 0:00023 10:29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #175 0:00022 U ng/m3 0:00023 10:29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #174 0:00039 ng/m3 0:00023 10:29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #175 0:00022 U ng/m3 0:00023 10:29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #175 0:00022 U ng/m3 0:00023 10:29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #175 0:00022 U ng/m3 0:00023 10:29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #174 0:00029 U ng/m3 0:00023 10:29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #175 0:00022 U ng/m3 0:00023 10:29/12 11/07/12 Contract SOW 52663-74-8 PCB Co	33979-03-2	PGB Congener #155	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12 Contract SOW
39635-35-3 PCB Congener #159 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 41411-62-5 PCB Congener #160 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-43-8 PCB Congener #161 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 39635-34-2 PCB Congener #162 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #164 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-46-IU PCB Congener #165 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52663-72-6 PCB Congener #169 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #169 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 35065-30-6 PCB Congener #170 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW R4-8000891 PCB Congener #171 and/or 173 0.00025 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #172 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #172 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #174 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #175 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #174 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #175 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW	R4-8000890	PCB Congener #156 and/or 157	0.00045 U	ng/m3	0.00045	10/29/12	11/07/12 Contract SOW
41411-62-5         PGB Congener #160         0.00022 U         ng/m3         0.00023 10/29/12 11/07/12 Contract SOW           74472-43-8         PCB Congener #161         0.00022 U         ng/m3         0.00023 10/29/12 11/07/12 Contract SOW           39635-34-2         PCB Congener #162         0.00022 U         ng/m3         0.00023 10/29/12 11/07/12 Contract SOW           74472-45-0         PCB Congener #164         0.00022 U         ng/m3         0.00023 10/29/12 11/07/12 Contract SOW           74472-46-1U         PCB Congener #165         0.00022 U         ng/m3         0.00023 10/29/12 11/07/12 Contract SOW           52663-72-6         PCB Congener #167         0.00022 U         ng/m3         0.00023 10/29/12 11/07/12 Contract SOW           32774-16-6         PCB Congener #169         0.00022 U         ng/m3         0.00023 10/29/12 11/07/12 Contract SOW           35065-30-6         PCB Congener #170         0.00022 U         ng/m3         0.00023 10/29/12 11/07/12 Contract SOW           84-800891         PCB Congener #171 and/or.173         0.00045 U         ng/m3         0.00023 10/29/12 11/07/12 Contract SOW           52663-74-8         PCB Congener #172         0.00022 U         ng/m3         0.00023 10/29/12 11/07/12 Contract SOW           384171-25-5         PCB Congener #175         0.00022 U         ng/m3         0.00023 10/29/12 1	74472-42-7	PCB Congener #158	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12 Contract SOW
74472-43-8         PCB Congener #161         0.00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           39635-34-2         PCB Congener #162         0.00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           74472-45-0         PCB Congener #164         0.00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           74472-46-10         PCB Congener #165         0.00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           52663-72-6         PCB Congener #167         0.00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           32774-16-6         PCB Congener #169         0.00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           35065-30-6         PCB Congener #170         0.00022 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           84-8000891         PCB Congener #171         and/or 173         0.00045 U         ng/m3         0.00023         10/29/12         11/07/12         Contract SOW           52663-74-8         PCB Congener #174         0.00039	39635-35-3	PCB Congener #159	0.00022 U	ng/m3	0.00023	.10/29/12	11/07/12 Contract SOW
39635-34-2 PCB Congener #162 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #164 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 74472-46-14 PCB Congener #165 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52663-72-6 PCB Congener #167 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #169 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 35065-30-6 PCB Congener #170 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW R4-8000891 PCB Congener #171 and/or 173 0.00045 U ng/m3 0.00045 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #172 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 38411425-5 PCB Congener #174 0.00039 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 40186-70-7 PCB Congener #175 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW	41411-62-5	PCB Congener #160	0.00022 ⊎	ng/m3	0.00023	10/29/12	11/07/12 Contract SOW
74472-45-0 PCB Congener #164 0,00022 U ng/m3 0,00023 10/29/12 11/07/12 Contract SOW / 74472-46-II. PCB Congener #165 0,00022 U ng/m3 0,00023 10/29/12 11/07/12 Contract SOW / 52663-72-6 PCB Congener #167 0,00022 U ng/m3 0,00023 10/29/12 11/07/12 Contract SOW / 32774-16-6 PCB Congener #169 0,00022 U ng/m3 0,00023 10/29/12 11/07/12 Contract SOW / 35065-30-6 PCB Congener #170 0,00022 U ng/m3 0,00023 10/29/12 11/07/12 Contract SOW / R4-8000891 PCB Congener #171 and/or 173 0,00045 U ng/m3 0,00045 10/29/12 11/07/12 Contract SOW / 52663-74-8 PCB Congener #172 0,00022 U ng/m3 0,00023 10/29/12 11/07/12 Contract SOW / 38411-25-5 PCB Congener #174 0,00039 ng/m3 0,00023 10/29/12 11/07/12 Contract SOW / 40186-70-7 PCB Congener #175 0,00022 U ng/m3 0,00023 10/29/12 11/07/12 Contract SOW / PCB Congener #175 0,00022 U ng/m3 0,00023 10/29/12 11/07/12 Contract SOW / 40186-70-7 PCB Congener #175 0,00022 U ng/m3 0,00023 10/29/12 11/07/12 Contract SOW / 40186-70-7 PCB Congener #175 0,00022 U ng/m3 0,00023 10/29/12 11/07/12 Contract SOW / 40186-70-7 PCB Congener #175 0,00022 U ng/m3 0,00023 10/29/12 11/07/12 Contract SOW / 40186-70-7 PCB Congener #175 0,00022 U ng/m3 0,00023 10/29/12 11/07/12 Contract SOW /	74472-43-8	PCB Congener #161	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12 Contract SOW
74472±46±11. PCB Congener #165 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 52663-72-6 PCB Congener #167 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 32774±16-6 PCB Congener #169 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 35065-30-6 PCB Congener #170 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW R4-8000891. PCB Congener #171 and/or 173 0.00045 U ng/m3 0.00045 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #172 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 38411±25-5 PCB Congener #174 0.00039 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 40186-70-7 PCB Congener #175 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 11/07/12 Contract SO	39635-34-2	PCB Congener #162	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12 Contract SOW
52663-72-6 PCB Congener #167 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #169 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 35065-30-6 PCB Congener #170 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW PCB Congener #171 and/or 173 0.00045 U ng/m3 0.00045 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #172 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 38411-25-5 PCB Congener #174 0.00039 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 40186-70-7 PCB Congener #175 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW 40186-70-7 PCB Congener #175 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW	74472-45-0	PCB Congener #164	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12 Contract SOW /
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35065-30-6 PCB Congener #170 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW  R4-8000891 PCB Congener #171 and/or 173 0.00045 U ng/m3 0.00045 10/29/12 11/07/12 Contract SOW  52663-74-8 PCB Congener #172 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW  38411-25-5 PCB Congener #174 0.00039 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW  40186-70-7 PCB Congener #175 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW	52663-72-6	PCB Congener #167	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12 Contract SOW
R4-8000891       PCB Congener #171 and/or 173       0.00045 U       ng/m3       0.00045 10/29/12 11/07/12 Contract SOW         52663-74-8       PCB Congener #172       0.00022 U       ng/m3       0.00023 10/29/12 11/07/12 Contract SOW         38411-25-5       PCB Congener #174-       0.00039       ng/m3       0.00023 10/29/12 11/07/12 Contract SOW         40186-70-7       PCB Congener #175       0.00022 U       ng/m3       0.00023 10/29/12 11/07/12 Contract SOW	32774-16-6	PCB Congener #169 16 45	0.00022 1	ng/m3	0.00023	10/29/12	11/07/12 Contract SOW
52663-74-8     PCB Congener #172     0.00022 U     ng/m3     0.00023     10/29/12     11/07/12     Contract SOW       38411-25-5     PCB Congener #174     0.00039     ng/m3     0.00023     10/29/12     11/07/12     Contract SOW       40186-70-7     PCB Congener #175     0.00022 U     ng/m3     0.00023     10/29/12     11/07/12     Contract SOW	35065-30-6	PCB Congener #170	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12 Contract SOW
38411-25-5 PCB Congener #174- 0.00039 ng/m3 0.00023 10/29/12 11/07/12 Contract SOW. 40186-70-7 PCB Congener #175 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW	R4-8000891	PCB Congener #171 and/or 173.	0.00045 U	ng/m3	0.00045	-10/29/12	11/07/12 Contract SOW
40186-70-7 PCB Congener #175 0.00022 U ng/m3 0.00023 10/29/12 11/07/12 Contract SOW	52663-74-8	PCB Congener #172	0.000 <b>22</b> U	ng/m3	0.00023	10/29/12	11/07/12 Contract SOW
	38411-25-5	PCB Congener #174	0.00039	ng/m3	0.00023	10/29/12	11/07/12 Contract SOW
52663-65-7 PCB Congener #176 0,00022 U ng/m3 0,00023 10/29/12 11/07/12 Contract SOW	40186-70-7	PCB Congener #175	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12 Contract SOW
	52663-65-7	PCB Congener #176	0.00022 Ü	ng/m3	0.00023	10/29/12	11/07/12 Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB Aroclors**

Project: 13-0036, Anniston PCB Air Study

Sample ID: FB102312

Station ID:

Lab ID: <u>C124401-01</u>

Matrix: Field Blank

Date Collected: 10/23/12 9:16

	2000 20122112 2010						
CAS Number	Analyte	Results Qualifiers	Units	MRE	Prepared.	Analyzed	Method
52663-70-4	PCB Congener #177	0.00022 Ü	ng/m3.	0.00023	10/29/12	11/07/12	Contract SOW
52663-67-9	PCB Congener #178	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
52663-64-6	PCB Congener #179	0.00032	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
R4-8000892	PCB Congener #180 and/or 193	0.00045 U	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
74472-47-2	PCB Congener #181	0.00022 Ú	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
60145-23-5	PCB Congener #182	0.00022 U	. ng/m3 .	0.00023	10/29/12	11/07/12	Contract SOW
R4-8000893	PCB Congener #183 and/or 185.	0.00045 U	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
74472-48-3	PCB Congener #184	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
74472-49-4	PCB Congener #186	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
52663-68-0	PCB Congener #187	0.00049	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
74487-85-7	PCB Congener #188	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
39635-31-9	PCB Congener #189	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
41411-64-7	PCB Congener #190	0.00022 Ü	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
74472-50-7	PCB Congener #191	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
74472-51-8	PCB Congener #192	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
35694-08-7	PCB Congener #194	0.00022 U	ng/m3 .	0.00023	10/29/12	11/07/12	Contract SOW
52663-78-2	PCB Congener #195	0.00022 ∪	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
42740-50-1	PCB Congener #196	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
R4-8000894	PCB Congener #197 and/or 200	0.00045 U	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
R4-8000895	PCB Congener #198 and/or 199	0.00045 U	ng/m3	0.00045	10/29/12	11/07/12	Contract SOW
40186-71-8	PCB Congener #201	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
2136-99-4	PCB Congener #202	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
52663-76-0	PCB Congener #203	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
74472-52-9	PCB Congener #204	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
74472-53-0	PCB Congener #205	0.00022 ∪	ng/m3	0.00023	10/29/12	11/07/12	Contract/SOW
40186-72-9	PCB Congener #206	. 0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
52663-79-3	PCB Congener #207	0.00022; U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
52663-77-1	PCB Congener #208	0.00022 U	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
2051-24-3	PCB Congener #209	0.00022 Ü	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: <u>FB102312</u>

Lab ID: <u>C124401-01</u>

**Station ID:** 

Matrix: Field Blank

Date Collected: 10/23/12 9:16

Date Cone	Cleu. 10/23/12 7.10						
C4S Number	Analyse and the second	Results Qualifiers	Units (a)	MRI.	Prepared	Analyzed	Method
25429-29-2	Pentachlorobiphenyl (Total)	0.014	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
R4-8001156	TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 0)	1,3E-5	ng/m3		10/29/12	11/07/12	Contract SOW
R4-8001157	TEO (Avian for PCBs, WHO TEQ-98) (TEF is RL x I/2)	3.6E-5	ng/m3 ⊹		10/29/12	11/07/12	Contract SOW
R4-8001026	TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98)	5.8E-5	ng/m3		10/29/12	11/07/12	Contract SOW
R4-8001158	TEQ (Fish for PCBs, WHO TEQ-98) (TEF-is RL x 0)	3.5E-8	, ng/m3		10/29/12	11/07/12	Contract SOW
R4-8001159	TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 1/2)	6.6E-7	ng/m3		10/29/12	11/07/12	Contract SOW
R4-8001027	TEQ (Fish Toxic, Equiv. for PCBs, WHO TEQ-98)	1.3E-6	= ng/m3		10/29/12	11/07/12	Contract SOW
R4-8001161	TEQ (Mammal for PCBs WHO TEQ-05) (TEF is RL x 1/2)	1.5E-5	ng/m3		10/29/12	11/07/12	Contract SOW
R4-8001160	TEQ (Mammal for PCBs, WHO TEQ-05) (TEF is RL x 0)	8.2E-8	ng/m3 ;		10/29/12	11/07/12	-Contract SOW
R4-8000909	TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05)	2.9E-5	ng/m3		10/29/12	11/07/12	Contract SOW
26914-33-0	Tetrachlorobiphenyl (Total)	0.021	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
1336-36-3	Total PCBs	0.13	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW
25323-68-6	Trichlorobiphenyl (Total)	0.027	ng/m3	0.00023	10/29/12	11/07/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB Aroclors**

Project: 13-0036, Anniston PCB Air Study

Sample ID: FB102412

Station ID:

Lab ID: <u>C124401-02</u>

Matrix: Field Blank

Date Collected: 10/24/12 11:49

CAS	Action 18						
Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
25512-42-9	Dichlorobiphenyl (Total)	· = 0:040 =	ng/m3	* 0.00023	10/29/12	11/12/12	Contract(SOW
28655-71-2	Heptachlorobiphenyl (Total)	0.0042	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
26601-64-9	Hexachlorobiphenyl (Total)	0.014	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
27323-18-8	Monochlorobiphenyl (Total)	0.00022	'ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
53742-07-74	Nonachlorobiphenyl (Total)	0.00022	ng/m3	0:00023	10/29/12	.11/12/12	Contract SOW
55722-26-4	Octachlorobiphenyl (Total)	0.00022	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
2051-60-7.	PCB Congener # 1	0.00056 €	ng/m3	0:00056	10/29/12	11/12/12	Contract SOW
2051-61-8	PCB Congener # 2	0,00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
2051-62-9	PCB Congener # 3	0.00022 U	ng/m3	0.00023	10/29/12	211/12/12	Contract SOW
13029-08-8	PCB Congener # 4	0.0011	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
16605-91-7	PCB Congener # 5	0.00045 U	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
25569-80-6	PCB Congener # 6	0.00037	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
33284-50-3	PCB Congener # 7	0.00045 U	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
34883-43-7	PCB Congener # 8	0.0022 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW -
34883-39-1	PCB Congener # 9	0,00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
33146-45-1	PCB Congener # 10	. 0.00045 U	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
2050-67-1	PCB-Congener #111	0.038	ng/m3	0.0056	10/29/12	11/12/12	Contract SOW
R4-8000863	PCB Congener # 12 and/or 13	0.0010	ng/m3	0.00090	10/29/12	11/12/12	Contract SOW
34883-41-5	PCB Congener # 14	. 0.00045 U	ng/m3	0.00045	10/29/12	11/12/12/	Contract SOW
2050-68-2	PCB Congener # 15	0.0022 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
38444-78-9	PCB Congener # 16	0.0012	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
37680-66-3	PCB Congener # 17	0.0021	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
R4-8000864	PCB/Congener #18 and/or 30	0.0026	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
38444-73-4	PCB Congener # 19	0.00045	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
R4-8000865	PCB Congener # 20 and/or 28	0.0036	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
R4-8000866	PCB Congener # 21 and/or 33	0.0026	ng/m3	0.00090	10/29/12	11/12/12	Contract SOW
38444-85-8	PCB Congener # 22	0.0015	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
55720-44-0	PCB Congener # 23	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FB102412

Státion ID:

Lab ID: <u>C124401-02</u>

Matrix: Field Blank

Date Collected: 10/24/12 11:49

Date Com	teted: 10/24/12 11:4)		1.3		\$4000 A		
C48 Number	Analyte	Results Qualifiers	- Units	MRL.	Propaged .	Analyzed	Method 2
55702-45-9	PCB Congener # 24	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
55712-37-3	PCB Congener # 25	0.00043	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
R4-8000867	PCB Congener #26 and/or 29	0.00062	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
38444-76-7	PCB Congener # 27	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
16606-02-3	PCB Congener # 31	0.0033	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
38444-77-8	PCB Congener # 32	0.00073	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
37680-68-5	PCB Congener # 34	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
37680-69-6	PCB Congener # 35	0.00045 U	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
38444-87-0	PCB Congener # 36	0.00045 U	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
38444-90-5	PCB Congener # 37	0.0022 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
53555-66-1	PCB Congener # 38	.0.00022*U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
38444-88-1	PCB Congener # 39	0.00045 U	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
R4-8001051	PGB Congener # 40 and/or 71	- 0.00092	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
52663-59-9	PCB Congener # 41	0.00039	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
36559-22-5	PCB Congener # 42	0.00051	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
70362-46-8	PCB Congener # 43	0.00045 U	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
R4-8000869	PCB Congener # 44 and/or 47,65	0.080 U, B-4	ng/m3	0:00068	10/29/12	11/12/12	Contract SOW.
R4-8000870	PCB Congener # 45 and/or 51	0.014 U, B-4	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
41464-47-5	PCB Congener # 46	0:00053	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
70362-47-9	PCB Congener # 48	0.00052	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
R4-8000871	PCB Congener # 49 and/or 69	0.0020	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
R4-8000872	PCB Congener # 50 and/or 53	0.00045 U	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
35693-99-3	PCB Congener # 52	0.0047	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
15968-05-5	PCB Congener # 54	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
74338-24-2	PCB Congener # 55	0.00022 U	ng/m3	0.00023	/10/29/12	11/12/12	Contract SOW
41464-43-1	PCB Congener # 56	0.00086	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
70424-67-8	PCB Congener # 57	0.00022(1)	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
41464-49-7	PCB Congener # 58	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
R4-8000873	PCB Congener # 59 and/or 62.75	0.0010	ng/m3	0.00068	10/29/12	11/12/12	Contract-SOW
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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB Aroclors**

Project: 13-0036, Anniston PCB Air Study

**Sample ID: FB102412** 

Station ID:

Lab ID: <u>C124401-02</u>

Matrix: Field Blank

Date Collected: 10/24/12 11:49

C4S Number         Analyre         Results Qualifiers         Units         MRL         Prepared         Analyzell         Method           33025-41-1         PCB Congener # 60         0.00053         ng/m3         0.00045         10/29/12         11/12/12         Contract SOW           R4-8000874         PCB Congener # 61 and/or 70,74/76         0.0028         ng/m3         0.00090         10/29/12         11/12/12         Contract SOW           74472-34-7         PCB Congener # 63         0.00056 U         ng/m3         0.00056         10/29/12         11/12/12         Contract SOW           52663-58-8         PCB Congener # 64         0.00077         ng/m3         0.00023         10/29/12         11/12/12         Contract SOW           73575-53-8         PCB Congener # 66         0.0014         ng/m3         0.00023         10/29/12         11/12/12         Contract SOW           73575-52-7         PCB Congener # 68         0.0032 U, B-4         ng/m3         0.00023         10/29/12         11/12/12         Contract SOW           74338-23-1         PCB Congener # 73         0.00022 U         ng/m3         0.00023         10/29/12         11/12/12         Contract SOW           32598-13-3         PCB Congener # 77         0.00024         ng/m3
R4-8000874 PCB Congener # 61 and/or 70,74,76 0.0028 ng/m3 0.00090 10/29/12 11/12/12 Contract SOW 74472-34-7 PCB Congener # 63 0.00056 U ng/m3 0.00056 10/29/12 11/12/12 Contract SOW 52663-58-8 PCB Congener # 64 0.00077 ng/m3 0.00023 10/29/12 11/12/12 Contract SOW 32598-10-0 PCB Congener # 66 0.0014 ng/m3 0.00056 10/29/12 11/12/12 Contract SOW 73575-53-8 PCB Congener # 67 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contract SOW 73575-52-7 PCB Congener # 68 0.0032 U, B-4 ng/m3 0.00023 10/29/12 11/12/12 Contract SOW 41464-42-0 PCB Congener # 72 0.00045 U ng/m3 0.00045 10/29/12 11/12/12 Contract SOW 74338-23-1 PCB Congener # 73 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contract SOW 74338-23-1 PCB Congener # 73 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contract SOW 74338-23-1 PCB Congener # 73 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contract SOW
74472-34-7 PCB Congener # 63 0.00056 U ng/m3 0.00056 10/29/12 11/12/12 Contract SOW 52663-58-8 PCB Congener # 64 0.00077 ng/m3 0.00023 10/29/12 11/12/12 Contract SOW 32598-10-0 PCB Congener # 66 0.0014 ng/m3 0.00056 10/29/12 11/12/12 Contract SOW 73575-53-8 PCB Congener # 67 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contract SOW 73575-52-7 PCB Congener # 68 0.0032 U, B-4 ng/m3 0.00023 10/29/12 11/12/12 Contract SOW 41464-42-0 PCB Congener # 72 0.00045 U ng/m3 0.00045 10/29/12 11/12/12 Contract SOW 74338-23-1 PCB Congener # 73 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contract SOW 74338-23-1 PCB Congener # 73 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contract SOW
52663-58-8         PCB Congener # 64         0.00077         ng/m3         0.00023         10/29/12         11/12/12         Contract SOW           32598-10-0         PCB Congener # 66         0.0014         ng/m3         0.00056         10/29/12         11/12/12         Contract SOW           73575-53-8         PCB Congener # 67         0.00022 U         ng/m3         0.00023         10/29/12         11/12/12         Contract SOW           73575-52-7         PCB Congener # 68         0.0032 U, B-4         ng/m3         0.00023         10/29/12         11/12/12         Contract SOW           41464-42-0         PCB Congener # 72         0.00045 U         ng/m3         0.00045         10/29/12         11/12/12         Contract SOW           74338-23-1         PCB Congener # 73         0.00022 U         ng/m3         0.00023         10/29/12         11/12/12         Contract SOW
32598-10-0 PCB Congener # 66 0:0014 ng/m3 0:00056 10/29/12 11/12/12 Contract SOW 73575-53-8 PCB Congener # 67 0:00022 U ng/m3 0:00023 10/29/12 11/12/12 Contract SOW 73575-52-7 PCB Congener # 68 0:0032 U, B-4 ng/m3 0:00023 10/29/12 11/12/12 Contract SOW 41464-42-0 PCB Congener # 72 0:00045 U ng/m3 0:00045 10/29/12 11/12/12 Contract SOW 74338-23-1 PCB Congener # 73 0:00022 U ng/m3 0:00023 10/29/12 11/12/12 Contract SOW
73575-53-8         PCB Congener # 67         0.00022 U         ng/m3         0.00023         10/29/12         11/12/12         Contract SOW           73575-52-7         PCB Congener # 68         0.0032 U, B+4         ng/m3         0.00023         10/29/12         11/12/12         Contract SOW           41464-42-0         PCB Congener # 72         0.00045 U         ng/m3         0.00045         10/29/12         11/12/12         Contract SOW           74338-23-1         PCB Congener # 73         0.00022 U         ng/m3         0.00023         10/29/12         11/12/12         Contract SOW
73575-52-7 PCB Congener # 68 0.0032 U, B-4 ng/m3 0.00023 10/29/12 11/12/12 Contract SOW 41464-42-0 PCB Congener # 72 0.00045 U ng/m3 0.00045 10/29/12 11/12/12 Contract SOW 74338-23-1 PCB Congener # 73 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contract SOW
41464-42-0 PCB Congener # 72 0.00045 U ng/m3 0.00045 10/29/12 11/12/12 Contract SOW 74338-23-1 PCB Congener # 73 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contract SOW
74338-23-1 PCB Congener # 73 0:00022 U ng/m3 0:00023 10/29/12 11/12/12 Contract SOW
32598-13-3 PCB Congener # 77 0.00024 ng/m3 0.00023 10/79/12 11/12/12 Contract SOW
0.000E1 0.000E3 10/E/12 10/E/12 Continue 00 11
70362-49-1 PCB Congener # 78 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contract SOW
41464-48-6 PCB Congener # 79 0.00045 U ng/m3 0.00045 10/29/12 11/12/12 Contract SOW
33284-52-5 PCB Congener # 80 0.00045 U ng/m3 0.00045 10/29/12 11/12/12 Contract SOW
70362-50-4 PCB Congener # 81 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contract SOW
52663-62-4 PCB Congener # 82 - 0.00056 U ng/m3 0.00056 10/29/12 11/12/12 Contract SOW
60145-20-2 PCB Congener # 83 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contract SOW
52663-60-2 PCB Congener # 84 0.00048 ng/m3 0.00023 10/29/12 11/12/12 Contract SOW
R4-8000876 PCB Congener # 85 and/or 116,117 0.00068 U ng/m3 0.00068 10/29/12 11/12/12 Contract SOW
E52450707 PCB Congener # 86 and/or 0:0014 U ng/m3 0:0014 10/29/12 11/12/12 Contract SOW
87.97.109.119.125
R4-8000878 PCB Congener # 88 and/or 91 0,00045 U ng/m3 0,00045 10/29/12 11/12/12 Contract SOW
73575-57-2 PCB Congener #89 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contract SOW
R4-8000879 PCB Congener # 90 and/or 101,113 0.0025 ng/m3 0.00068 10/29/12 11/12/12 Contract SOW
52663-61-3 PCB Congener # 92 0.00037 ng/m3 0.00023 10/29/12 11/12/12 Contract/SOW
R4-8001052 PCB Congener # 93 and/or 100 0.00045 U ng/m3 0.00045 10/29/12 11/12/12 Contract SOW
73575=55-0 PCB Congener # 94 0,00022 U ng/m3 0,00023 10/29/12 11/12/12 Contract SOW
38379-99-6 PCB Congener # 95 0.0022 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW
73575;54-9 PCB Congener # 96 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contract SOW.  R4-8001056 PCB Congener # 98 and/or 102 0.00045 U ng/m3 0.00045 10/29/12 11/12/12 Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. ld: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FB102412

Station ID:

Lab ID: <u>C124401-02</u>

Matrix: Field Blank

Date Collected: 10/24/12 11:49

Date Coll	ected: 10/24/12 11:49						
CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analysed	Methods
38380-01-7	PCB Congener # 99	0.00054	r ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
60145-21-3	PCB Congener #103	0.00056 U	ng/m3	0.00056	10/29/12	11/12/12	Contract SOW
56558-16-8	PCB Congener #104	= 7-0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
32598-14-4	PCB Congener #105	0.00053	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
70424-69-0	PCB Congener #106:	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW 4
70424-68-9	PCB Congener #107	. 0.00045 U	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
R4-8001053	PCB Congener #108 and/or 124	0:00045 U	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
R4-8000882	PCB Congener #110 and/or 115	0.0020	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
39635-32-0	PCB Congener #111	0.00022TU	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
74472-36-9	PCB Congener #112	0.00022·U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
74472-37-0	PCB Congener #114	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
31508-00-6	PCB Congener #118	0.0014	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
68194-12-7	PCB Congener #120	0.00022 Ü	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
56558-18-0	PCB Congener #121	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
76842-07-4	PCB Congener #122	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
65510-44-3	PCB Congener #123	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
57465-28-8	PCB Congener #126	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
39635-33-1	PCB Congener #127	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
R4-8000883	PCB Congener #128 and/or 166	0.00045 U	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
R4-8001054	PCB Congener #129 and/or 138,163	0.0031	ng/m3	0.00068	10/29/12	11/12/12	Contract SOW
52663-66-8	PCB Congener #130.	҈; 0.00022 U ≔	ng/m3	0.00023	10/29/12	-11/12/12	Contract SOW
61798-70-7	PCB Congener #131	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
38380-05-1	PCB Congener #132	0.0012.	ng/m3	0:00023	10/29/12	11/12/12	Contract SOW
35694-04-3	PCB Congener #133	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
52704-70-8	PCB Congener #134	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
R4-8001055	PCB Congener #135 and/or 151	0.0015	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
38411-22-2	PCB Congener #136	0.00062	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
35694-06-5	PCB Congener #137	0.00022 U	ng/m3	0.00023	10/29/12	.11/12/12	Contract SOW
R4-8000887	PCB Congener #139 and/or 140	0.00045 U	ng/m3	0.00045	10/29/12	E1/12/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FB102412

Station ID:

Lab ID: C124401-02

Matrix: Field Blank

Date Collected: 10/24/12 11:49

68194-15-0 PCB Congener #143 0.00022 U ng/m3 0:00023 10/29/12 11/12/12 Contra 68194-14-9 PCB Congener #144 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contra 74472-40-5 PCB Congener #145 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contra 51908-16-8 PCB Congener #146 0.00042 ng/m3 0.00023 10/29/12 11/12/12 Contra R4-8000888 PCB Congener #147 and/or 149 0.0030 ng/m3 0.00090 10/29/12 11/12/12 Contra R4-8000888 PCB Congener #147 and/or 149 0.0030	act SOW act SOW act SOW act SOW act SOW
68194-15-0 PCB Congener #143 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contra 68194-14-9 PCB Congener #144 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contra 74472-40-5 PCB Congener #145 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contra 51908-16-8 PCB Congener #146 0.00042 ng/m3 0.00023 10/29/12 11/12/12 Contra R4-8000888 PCB Congener #147 and/or 149 0.0030 ng/m3 0.00090 10/29/12 11/12/12 Contra	act SOW act SOW act SOW act SOW
68194-14-9 PCB Congener #144 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contra 74472-40-5 PCB Congener #145 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contra 51908-16-8 PCB Congener #146 0.00042 ng/m3 0.00023 10/29/12 11/12/12 Contra R4-8000888 PCB Congener #147 and/or 149 0.0030 ng/m3 0.00090 10/29/12 11/12/12 Contra	act SOW act SOW
74472-40-5 PCB Congener #145 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contra 51908-16-8 PCB Congener #146 0.00042 ng/m3 0.00023 10/29/12 11/12/12 Contra R4-8000888 PCB Congener #147 and/or 149 0.0030 ng/m3 0.00090 10/29/12 11/12/12 Contra	act SOW
51908-16-8 PCB Congener #146 0.00042 ng/m3 0.00023 10/29/12 11/12/12 Contra R4-8000888 PCB Congener #147 and/or 149 0.0030 ng/m3 0.00090 10/29/12 11/12/12 Contra	act SOW
R4-8000888 PCB:Congener:#147 and/or 149 0.0030 ng/in3 0.00090 10/29/12 11//12/12 Contra	
	act SOW
74472-41-6 PCB Congener #148 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contra	·····
	act SOW
68194-08-1 PCB Congener #150 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contra	act SOW
68194-09-2 PCB Congener #152 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contra	act SOW
R4-8000889 PCB Congener#153 and/or 168 0.0008 ng/m3 0.00090 10/29/12 11/12/12 Contra	act SOW
60145-22-4 PCB Congener #154 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contra	act SOW
33979-03-2 PCB/Congener #155 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contra	act SOW 👵
R4-8000890 PCB Congener #156 and/or 157 0.00045 U ng/m3 0.00045 10/29/12 11/12/12 Contra	act SOW
74472-42-7 PCB Congener #158 0.00032 ng/m3 0.00023 10/29/12 11/12/12 Contra	act SOW
39635-35-3 PCB Congener #159 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contra	act SOW
41411-62-5 PCB Congener #160 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contra	act SOW
74472-43-8 PCB Congener #161 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contra	act SOW
39635-34-2 PCB Congener #162 + 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contra	act SOW
74472-45-0 PCB Congener #164 0.00024 ng/m3 0.00023 10/29/12 11/12/12 Contra	act SOW
74472-46-1 PCB Congener #165 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contra	act SOW
52663-72-6 PCB Congener #167 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contra	act SOW
32774-16-6 PCB Congener #169 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contra	act SOW
35065-30-6 PCB Congener #170 0.00045 ng/m3 0.00023 10/29/12 11/12/12 Contra	act SOW
R4-8000891 PCB Congener #171 and/or 173 0.00045 1 ng/m3 0.00045 10/29/12 11/12/12 Contra	act/SOW
52663-74-8 PCB Congener #172 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contra	act SOW
38411-25-5 PCB/Congener #174 0.00072 ng/m3 0.00023 10/29/12 11/12/12 Contra	act SOW, /
40186-70-7 PCB Congener #175 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contra	act SOW
52663-65-7. PCB/Congener #176 0.00022 U ng/m3 0.00023 10/29/12 11/12/12 Contra	art SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB Aroclors**

Project: 13-0036, Anniston PCB Air Study

Sample ID: <u>FB102412</u>

Station 1D:

Lab ID: C124401-02

Matrix: Field Blank

Date Collected: 10/24/12 11:49

				Anti-American Services	S 1	Contractive and contraction and	
CAS.	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
52663-70-4	PCB Congener #177	0.00041	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
52663-67-9	PCB Congener #178	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
52663-64-6	PCB Congener #179	0.00038	ng/m³	., 0:00023	10/29/12	11/12/12	Contract SOW.
R4-8000892	PCB Congener #180 and/or 193	0.0010	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
74472-47-2	PCB Congener #181	0.00022 U	ng/m3	0.00023	10/29/12	1//12/12	Contract SOW
60145-23-5	PCB Congener #182	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
R4-8000893	PCB Congener #183 and/or 185	0.00047	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
74472-48-3	PCB Congener #184	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
74472-49-4"	PCB Congener #186	0.000 <mark>22.</mark> U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
52663-68-0	PCB Congener #187	0.00073	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
74487-85-7	PCB Congener #188	0.00022 (U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
39635-31-9	PCB Congener #189	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
41411-64-7	PCB Congener #190	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
74472-50-7	PCB Congener #191	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
74472-51-8	PCB Congener #192	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOWs
35694-08-7	PCB Congener #194	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
52663-78-2	PCB Congener #195	0:00022 ⊍	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
42740-50-1	PCB Congener #196	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
R4-8000894	PCB Congener #197/and/or 200	0.00045 ∪	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
R4-8000895	PCB Congener #198 and/or 199	0.00045 U	ng/m3	0.00045	10/29/12	11/12/12	Contract SOW
40186-71-8	PCB Congener #201	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
2136-99-4	PCB Congener #202	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
52663-76-0	PCB Congener #203	0.00022-U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
74472-52-9	PCB Congener #204	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
74472-53-0	PCB Congener #205	0:00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
40186-72-9	PCB Congener #206	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
52663-79-3	PCB Congener #207	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
52663-77-1	PCB Congener #208	0.00022 U	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
2051-24-3	PCB Congener #209	0:00050	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
	***		and the same and the same at t	2000 <u>200</u> 200 200 200 200 200 200 200 200 200		A. N. A. B. A	A

Page 18 of 75 C124401 PCBA FINAL 03 12 13 0832 3/12/13 8:32

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: <u>FB102412</u>

Station ID:

Lab ID: <u>C124401-02</u>

Matrix: Field Blank

Date Collected: 10/24/12 11:49

CAS.  Number	Analyte	Results (Qualifiers	Unirs	MRL	Prepared	Analyzed	Method
25429-29-2	Pentachlorobiphenyi (Total)	0.010	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
R4-8001156	TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 0)	1.2E-5	ng/m3	MCC (000000000 1990 1990 1990 1990 1990 199	10/29/12	11/12/12	Contract SOW
R4-8001157	TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x;1/2)	3.5E-5	ng/m3		10/29/12	11/12/12	Contract SOW
R4-8001026	TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98)	5.8E-5	ng/m3		10/29/12	11/12/12	Contract SOW
R4-8001158	TEQ (Fish for PCBs, WHO TEQ-98) (TEF- is RL x 0)	3.4E-8	ng/m3		10/29/12	11/12/12	Contract SOW
R4-8001159	TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 1/2)	6.6E-7	ng/m3		10/29/12	11/12/12	Contract SOW
R4-8001027	TEQ (Fish Toxic, Equiv. for PCBs, WHO *TEQ-98)	1.3E-6	ng/m3		10/29/12	11/12/12	Contract SOW
R4-8001161	TEQ (Mammal for PCBs WHO TEQ-05) (TEF is RL x 1/2)	1.5E-5	ng/m3		10/29/12	11/12/12	Contract SOW
R4-8001160	TEQ (Mammal for PCBs, WHO TEQ-05) (TEF is RL: x,0)	8.2E-8	ng/m3		10/29/12	11/12/12	Contract SOW
R4-8000909	TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05)	2.9E-5	ng/m3	*	10/29/12	11/12/12	Contract SOW
26914-33-0	Tetrachlorobiphenyl (Total)	0:017	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
1336-36-3	Total PCBs	0.11	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW
25323-68-6	Trichlorobiphenyl (Total)	0.019	ng/m3	0.00023	10/29/12	11/12/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB Aroclors**

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102312

Station ID: F

Lab ID: <u>C124401-03</u>

Matrix: Ambient Air

Date Collected: 10/23/12 10:25

Date Con	ected: 10/25/12 10:25	-					A Section 1
C4S Number	Analyte 12	Results Qualifiers	Units	MRL	Prepared!	Analyzed	Method
		TO THE PROPERTY OF THE PARTY OF				-	
25512-42-9	Dichlorobiphenyl (Total)	0.40	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
28655-71-2	Heptachlorobiphenyl (Total)	0.022	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
26601-64-9	Hexachlorobiphenyl (Total)	0.074	ng/m3	0:00024	10/29/12	11/07/12	Contract SOW
27323-18-8	Monochlorobiphenyl (Total)	0.16	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
53742-07-7	Nonachlorobiphenyl (Total)	0.0025	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
55722-26-4	Octachlorobiphenyl (Total)	0.0051	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
2051-60-7	PCB Congener # 1	0.14 J. CLP33	ng/m3	0.00061	10/29/12	11/07/12	Contract SOW
2051-61-8	PCB Congener # 2	. 0.0010 J, CLP33	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
2051-62-9	PCB Congener #. 3	0.017 J, CLP33	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
13029-08-8	PCB Congener # 4	0.17-J, CLP33	ng/m3	0.00049	10/29/12	11/07/12	Contract SOW
16605-91-7	PCB Congener #- 5	0.00049 U. J. CI P33	лд/т3	0.00049	10/29/12	11/07/12	Contract SOW
25569-80-6	PCB Congener # 6	0.021 J, CLP33	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
33284-50-3	PCB Congener # 7	0.0096 J, GLP33	ng/m3	0.00049	10/29/12	11/07/12	Contract SOW
34883-43-7	PCB Congener # 8	0.067	ng/m3	0.0024	10/29/12	11/07/12	Contract SOW
34883-39-1	PCB Congener # 9	0.0062 J, CLP33	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
33146-45-1	PCB Congener # 10	0.010 J, CLP33	ng/m3	0.00049	10/29/12	11/07/12	Contract SOW
2050-67-1	PCB Congener #11	0.078	ng/m3	0.0061	10/29/12	11/07/12	Contract SOW
R4-8000863	PCB Congener # 12 and/or 13	0.0070	ng/m3	0.00097	1,0/29/12	11/07/12	Contract SOW
34883-41-5	PCB Congener #14	0.00049 U	ng/m3	0.00049	10/29/12	11/07/12	Contract SOW
2050-68-2	PCB Congener # 15	0.032	ng/m3	0.0024	10/29/12	11/07/12	Contract SOW
38444-78-9	PCB Congener #16	0.017	ng/m3	0.00049	10/29/12.	11/07/12	Contract SOW
37680-66-3	PCB Congener # 17	0.036	ng/m3	0.00049	10/29/12	11/07/12	Contract SOW
R4-8000864	PCB Congener # 18 and/or 30;	0.050	ng/m3	0.00049	10/29/12	11/07/12	Contract SOW
38444-73-4	PCB Congener # 19	0.049	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
R4-8000865	PCB Congener # 20 and/or 28	0.063	ng/m3	0.0024	10/29/12	11/07/12	Contract SOW
R4-8000866	PCB Congener # 21 and/or 33	0.026	ng/m3	0.00097	10/29/12	11/07/12	Contract SOW
38444-85-8	- PCB Congener #22	0.017	::, ≟ng/m3	0.00049	10/29/12	11/07/12	Contract SOW
55720-44-0	PCB Congener # 23	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102312

Station ID: **F** 

Lab ID: <u>C124401-03</u>

Matrix: Ambient Air

Date Collected: 10/23/12 10:25

	ected: 10/23/12 10:25						
CAS Number	Analyte	Results Qualifiers	Units §	MRL	Propared	Analyzed	Methad
55702-45-9	PCB Congener # 24	0.0032	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
55712-37-3	PCB Congener # 25	0.0068	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
R4-8000867	PCB Congener #26 and/or 29	0.013	ng/m3	0:00049	10/29/12	11/07/12	Contract SOW
38444-76-7	PCB Congener # 27	0.012	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
16606-02-3	PCB Congener #31	0.053	ng/m3	0.0012	10/29/12	11/07/12	Contract SOW
38444-77-8	PCB Congener # 32	0.018	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW .
37680-68-5	PCB Congener # 34	0.00042	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
37680-69-6	PCB Congener # 35	0.0013	ng/m3	0.00049	10/29/12	11/07/12	Contract SOW
38444-87-0	PCB Congener # 36	0.00049 U	ng/m3	0.00049	10/29/12	11/07/12	Contract SOW
38444-90-5	PCB Congener # 37	0.010	ng/m3	0.0024	10/29/12	11/07/12	Contract SOW
53555-66-1	PCB Congener # 38	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
38444-88-1	PCB Congener # 39	0.00049 U	ng/m3	0.00049	10/29/12	11/07/12	Contract SOW
R4-8001051	PCB Congener # 40 and/or 71	0.019 J, QI-1	ng/m3	0.00049	10/29/12	11/07/12	Contract SOW
52663-59-9	PCB Congener # 41	· 0.0037 J, QI-1	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
36559-22-5	PCB Congener # 42	0.015 J, QI-1	ng/m3	0,00024	10/29/12	11/07/12	Contract SOW
70362-46-8	PCB Congener # 43	0.0024 J, QI-1	ng/m3	0.00049	10/29/12	11/07/12	Contract SOW
R4-8000869	PCB Congener # 44 and/or 47,65	0.15 ⁻ J, QI-1	ng/m3	0.00073	10/29/12	11/07/12	Contract SQW
R4-8000870	PCB Congener # 45 and/or 51	0.028 J, QI-1	ng/m3	0.00049	10/29/12	11/07/12	Contract SOW
41464-47-5	PCB Congener # 46	0.0042 J, QI-1	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
70362-47-9	PCB Congener # 48	0.0075 J, QI-1	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
R4-8000871	PCB Congener # 49 and/or 69	0.057 J. OF-1	ng/m3	0.00049	10/29/12	11/07/12	Contract SOW - 5
R4-8000872	PCB Congener # 50 and/or 53	0.013 J, QI-1	ng/m3	0.00049	10/29/12	11/07/12	Contract SOW
35693-99-3	PCB Congener #:52	0.12 J, QI-I	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
15968-05-5	PCB Congener # 54	0.0018	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
74338-24-2	PCB Congener # 55	0.00038-J, QI-J	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
41464-43-1	PCB Congener # 56	0.0094 J, Ql-1	ng/m3	0.00049	10/29/12	11/07/12	Contract SOW
70424-67-8	PCB Congener # 57	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
41464-49-7	PCB Congener # 58	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
R4-8000873	PCB Congener # 59 and/or 62,75	0.0059 J. QI-I	ng/m3	0.00073	10/29/12	11/07/12	Contract SOW
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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13+0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

## PCB Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102312

Station ID: **F** 

Lab ID: <u>C124401-03</u>

Matrix: Ambient Air

Date Collected: 10/23/12 10:25

CAS		The Court of the C	5.77		
Number	Analyte 2 2 2 2	Results "Qualifiers	linits	MRL Prepared	Analyzed Method 22
33025-41-1	PCB Congener # 60	0.0041 J, QI-1	ng/m3	0:00049 - 10/29/12	11/07/12 Contract SOW
R4-8000874	PCB Congener # 61 and/or 70,74,76	0.038 J, QI-1	ng/m3	0.00097 10/29/12	11/07/12 Contract SOW
74472-34-7	PCB Congener # 63	0.0015 J; QI=I	ng/m3	0.00061 10/29/12	11/07/12 Contract SOW
52663-58-8	PCB Congener # 64	0.023 J, QI-1	ng/m3	0.00024 10/29/12	11/07/12 Contract SOW
32598-10-0	PCB Congener # 66	0.027 J, QI-1	ng/m3	0.00061 10/29/12	11/07/12 Contract SOW
73575-53-8	PCB Congener # 67	0.00085 J. QI-1	ng/m3	0.00024 10/29/12	11/07/12 Contract SOW
73575-52-7	PCB Congener # 68	0.0057 J, QI-1	ng/m3	0.00024 10/29/12	11/07/12 Contract SOW
41464-42-0	PCB Congener # 72	0.00059 J, Ql-1	ng/m3	0.00049 10/29/12	11/07/12 Contract SOW
74338-23-1	PCB Congener # 73	0.0013 J. QI-I	ng/m3	0.00024 10/29/12	11/07/12 Contract SOW
32598-13-3	PCB Congener # 77	0.0014 J, QI-1	ng/m3	0.00024 10/29/12	11/07/12 Contract SOW
70362-49-1	PCB Congener # 78	0:00024 U	² ng/m3	0.00024 10/29/12	11/07/12 Contract SOW
41464-48-6	PCB Congener # 79	0.00049 U	ng/m3	0.00049 10/29/12	.11/07/12 Contract SOW
33284-52-5	PCB Congener # 80	0.00049 U	ng/m3	0.00049 10/29/12	11/07/12 Contract SOW
70362-50-4	PCB Congener # 81	0.00024 U	ng/m3	0.00024 10/29/12	11/07/12 Contract SOW
52663-62-4	PCB Congener # 82	0:0026-J, Q1=1	ng/m3	0.000611 10/29/12	11/07/12 Contract SOW 3
60145-20-2	PCB Congener # 83	0.0013 J, QI-I	ng/m3	0.00024 10/29/12	11/07/12 Contract SOW
52663-60-2	PCB Congener # 84	0.0092 J. QI-1	ng/m3	0.00024 10/29/12	11/07/12 Contract S⊕W
R4-8000876	PCB Congener # 85 and/or 116,117	0.0055 J, QI-1	ng/m3	0.00073 10/29/12	11/07/12 Contract SOW
E52450707	PCB Congener # 86 and/or	0.020 J; QI-1	ng/m3	0.0015 10/29/12	11/07/12 Contract SOW
R4-8000878	87,97,109,119,125 PCB Congener # 88 and/or 91	0.0070 J, OI-1	ng/m3	0.00049 10/29/12	11/07/12 Contract SOW
73575-57-2	PCB Congener # 89	0.00044 U, QEE	ng/m3		11/07/12 Contract SOW :
R4-8000879	PCB Congener # 90 and/or 101,113	0.039 J, QI-1	ng/m3	0.00073 10/29/12	11/07/12 Contract SOW
52663-61-3	PCB Congener #.92	0.0079 J, QI-1	ng/m3		11/07/12 Contract SOW
R4-8001052	PCB Congener # 93 and/or 100	0.00057 J, QI-1	ng/m3	0.00049 10/29/12	11/07/12 Contract SOW
73575-55-0	PCB Congener#94	0.00037 J, QI-1	ng/m3		11/07/12 Contract SOW
38379-99-6	PCB Congener # 95	0.037 J, QI-1	ng/m3	0.00049 10/29/12	11/07/12 Contract SOW
	PCB Congener # 95	0.00055 L-OI-1	Target To		
73575-54-9 R4-8001056	PCB Congener # 98 and/or 102		ng/m3		11/07/12 Contract SOW
K4-8001000	red congener # 98 and/or 102	0.0015 J, QI-1	ng/m3	0.00049 10/29/12	11/07/12 Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB Aroclors**

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102312

Station ID: F

Lab ID: <u>C124401-03</u>

Matrix: Ambient Air

Date Collected: 10/23/12 10:25

Date Coll	ected: 10/23/12 10:25						
CAS Number:	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
38380-01-7	PCB Congener # 99	0.016 J, Q1-1	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
60145-21-3	PCB Congener #103	0.00061 U	ng/m3	0.00061	10/29/12	11/07/12	Contract SOW
56558-16-8	PCB Congener #104	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
32598-14-4	PCB Congener #105	0.0044 J, QI-1	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
70424-69-0	PCB Congener #106	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
70424-68-9	PCB Congener #107	0.0011 J. QI-1	ng/m3	0.00049	10/29/12	11/07/12	Contract SOW
R4-8001053	PCB Congener:#108 and/or 124	0.00062 J, QI-1	ng/m3	0.00049	10/29/12	11/07/12	Contract SOW
R4-8000882	PCB Congener #110 and/or 115	0.024 J, QI-1	ng/m3	0.00049	10/29/12	11/07/12	Contract SOW
39635-32-0	PCB Congener #111	0.00024 ∪	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
74472-36-9	PCB Congener #112	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
74472-37-0	PCB Congener #114	0.00034	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
31508-00-6	PCB Congener #118	0.013	ng/m3	0.00049	10/29/12	11/07/12	Contract SOW
68194-12-7	, PCB Congener #120	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12	Contract/SOW i
56558-18-0	PCB Congener #121	0.00038 J, QI-1	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
76842-07-4	PCB Congener #122	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
65510-44-3	PCB Congener #123	0.00034	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
57465-28-8	PCB Congener #126	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
39635-33-1	PCB Congener #127	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
R4-8000883	PCB Congener #128 and/or 166	0.0013	ng/m3	0.00049	10/29/12	11/07/12	Contract SOW
R4-8001054	PCB Congener #129 and/or 138,163	0.013	ng/m3	0.00073	10/29/12	11/07/12	Contract SOW
52663-66-8	PCB Congener #130	0.00075	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
61798-70-7	PCB Congener #131	° 0.00024 U	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
38380-05-1	PCB Congener #132	0.0054	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
35694-04-3	PCB Congener #133	0.00027	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
52704-70-8	PCB Congener #134	0.00099	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
R4-8001055	PCB Congener #135 and/or 151	` 0.0079	ng/m3	0.00049	10/29/12	11/07/12	Contract SOW
38411-22-2	PCB Congener #136	0.0034	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
35694-06-5	PCB Congener #137	0.00043	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
R4-8000887	PCB Congener #139 and/or 140	0.00049. ∪	ng/m3	0.00049	10/29/12	11/07/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102312

Station ID:  $\underline{\mathbf{F}}$ 

Lab ID: <u>C124401-03</u>

Matrix: Ambient Air

Date Collected: 10/23/12 10:25

Date Com	cted. 10/23/12 10:23			Could be Market Could be a second	5 200 1940 1940		
CAS S	Analyte	Results Qualifiers	Units	MRL	Propured	Analyzed	Method
52712-04-6	PCB Congener #141	0:0028	ng/m3/	0.00049	10/29/12	11/07/12	Contract SOW
41411-61-4	PCB Congener #142	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
68194-15-0	PCB Congener #143	= 0.00024 Ü	ng/m3	0.00024	-10/29/12	11/07/12	Contract SOW
68194-14-9	PCB Congener #144	0.0011 .	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
74472-40-5	PCB Congener #145	0.00024 €	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
51908-16-8	PCB Congener #146	0.0023	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
R4-8000888	PCB Congener #147 and/or 149	0.016	ng/m3	0.00097	10/29/12	11/07/12	Contract SOW
74472-41-6	PCB Congener #148	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
68194-08-1	PCB Congener #150	0,00024 U	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
68194-09-2	PCB Congener #152	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
R4-8000889	PCB Congener #153 and/or 168	0.014	ng/m3	0.00097	10/29/12	11/07/12	Contract SOW
60145-22-4	PCB Congener #154	0.00030	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
33979-03-2	PCB Congener #155	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12	Confract SOW
R4-8000890	PCB Congener #156 and/or 157	0.0010	ng/m3	0.00049	10/29/12	11/07/12	Contract SOW
74472-42-7	PCB Congener #158	0.0012	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW +
39635-35-3	PCB Congener #159	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
41411-62-5	PCB Congener #160	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW-
74472-43-8	PCB Congener #161	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
39635-34-2	PCB Congener #162	0.00024 Ū	ng/m3	0.00024	10/29/12 ₆	11/07/12	Contract SOW
74472-45-0	PCB Congener #164	0.00093	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
74472-46-1	PCB Congener #165	0.00024 U	ng/m3.	0.00024	10/29/12	11/07/12	Contract SOW
52663-72-6	PCB Congener #167	0.00041	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
32774-16-6	PCB Congener #169	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
35065-30-6	PCB Congener #170	0.0017	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
R4-8000891	PCB Congener #171 and/or 173	0.00069	ng/m3	0.00049	10/29/12	11/07/12	Contract SOW
52663-74-8	PCB Congener #172	0.00035	ng/m3	.0.00024	10/29/12	11/07/12	Contract SOW
38411-25-5	PCB Congener #174	0.0027	ng/m3*	0.00024	10/29/12	11/07/12	Contract SOW
40186-70-7	PCB Congener #175	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12	Contract SOW
52663-65-7	PCB Congener #176	0.00056	ng/m3-	0.00024	10/29/12	(11/07/12)	Contract SOW
		,					

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Region 4 Science and Ecosystem Support División 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102312

Station ID; F

Lab ID: <u>C124401-03</u>

Matrix: Ambient Air

Date Collected: 10/23/12 10:25

CAS Number		Results Outlifiers	Units	MRI	Prépared	Analyzed - Method	
52663-70-4	PCB Congener #177	0.0015	ng/m3	0.00024	10/29/12	11/07/12 Contract SOW	
52663-67-9	PCB Congener #178	0.00081	ng/m3	0.00024	10/29/12	11/07/12 Contract SOW	
52663-64-6	PCB Congener #179	0.0024	ng/m3	0.00024	10/29/12	11/07/12 Contract SOW	enconnective of the
R4-8000892	PCB Congener #180 and/or 193	0.0044	ng/m3	0.00049	10/29/12	11/07/12 Contract SOW	Acres de la company
74472-47-2	PCB Congener #181	0:00024 U	ng/m3	0.00024	10/29/12	11/07/12 Contract SOW	
60145-23-5	PCB Congener #182	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12 Contract SOW	
R4-8000893	PCB Congener #183 and/or 185	0.0021	ng/m3	0.00049	10/29/12	11/07/12 Contract SOW	
74472-48-3	PCB Congener #184	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12 Contract SOW	,
74472-49-4	PCB Congener #186	2. Av. 0:00024 U	ng/m3	-0.00024	10/29/12	11/07/12 Contract SOW	
52663-68-0	PCB Congener #187	0.0042	ng/m3	0.00024	10/29/12	11/07/12 Contract SOW	
74487-85-7	PCB Congener #188	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12 Contract SOW	
39635-31-9	PCB Congener #189	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12 Contract SOW	r
41411-64-7	PCB Congener #190	0.00037	ng/m3	0.00024	10/29/12	11/07/12 Contract SOW	
74472-50-7	PCB Congener #191	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12 Contract SOW	
74472-51-8	PCB Congener #192	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12 Contract SOW	
35694-08-7	PCB Congener #194	0.00080	ng/m3	0.00024	10/29/12	11/07/12 Contract SOW	
52663-78-2	PCB Congener #195	0.00027	ng/m3	0.00024	ara ka	11/07/12 Contract SOW	700 m
42740-50-1	PCB Congener #196	0.00047	ng/m3	0.00024	10/29/12	11/07/12 Contract SOW	CT-075800560
R4-8000894	PCB Congener #197 and/or 200	0.00049 U	ng/m3	0.00049	10/29/12	11/07/12 Contract SOW	
R4-8000895	PCB Congener #198 and/or 199	0.0014	ng/m3	0.00049	****	11/07/12 Contract SOW	9.51598 (C.S.)
40186-71-8	PCB Congener #201	0.00032	ng/m3	0.00024	10/29/12	11/07/12 Contract SOW	Z.AL.A.
2136-99-4	PCB Congener #202	0.00096	ng/m3	0.00024		11/07/12 Contract SOW	TO SERVICE OF THE SECOND
52663-76-0		0.00083	ng/m3	0.00024		11/07/12 Contract SOW	
74472-52-9	PCB Congener #204	0.00024 U	ng/m3	0.00024	10/29/12	11/07/12 Contract SOW	
74472-53-0	PCB Congener #205	0.00024 U	ng/m3	0.00024	202000	11/07/12 Contract SOW	N. T. Sandall
40186-72-9	PCB Congener #206  PCB Congener #207	0.0015	ng/m3	0.00024	10/29/12	11/07/12 Contract SOW	***************************************
52663-79-3 52663-77-1	PCB Congener #207	0.00027	ng/m3 ng/m3	0.00024	10/29/12	11/07/12 Contract SOW	Access of the control of
2051-24-3	PCB Congener #209	0.00069	ng/m3	0.00024	10/29/12	11/07/12 Contract SOW 11/07/12 Contract SOW	Z00852005309303
2031-24-3	CD CONGCIGNATORS	0:0013	Main A	0.00024%	10/29/12	TIME TIME TO STATE OF THE STATE	

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB Aroclors**

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102312

Station ID: **F** 

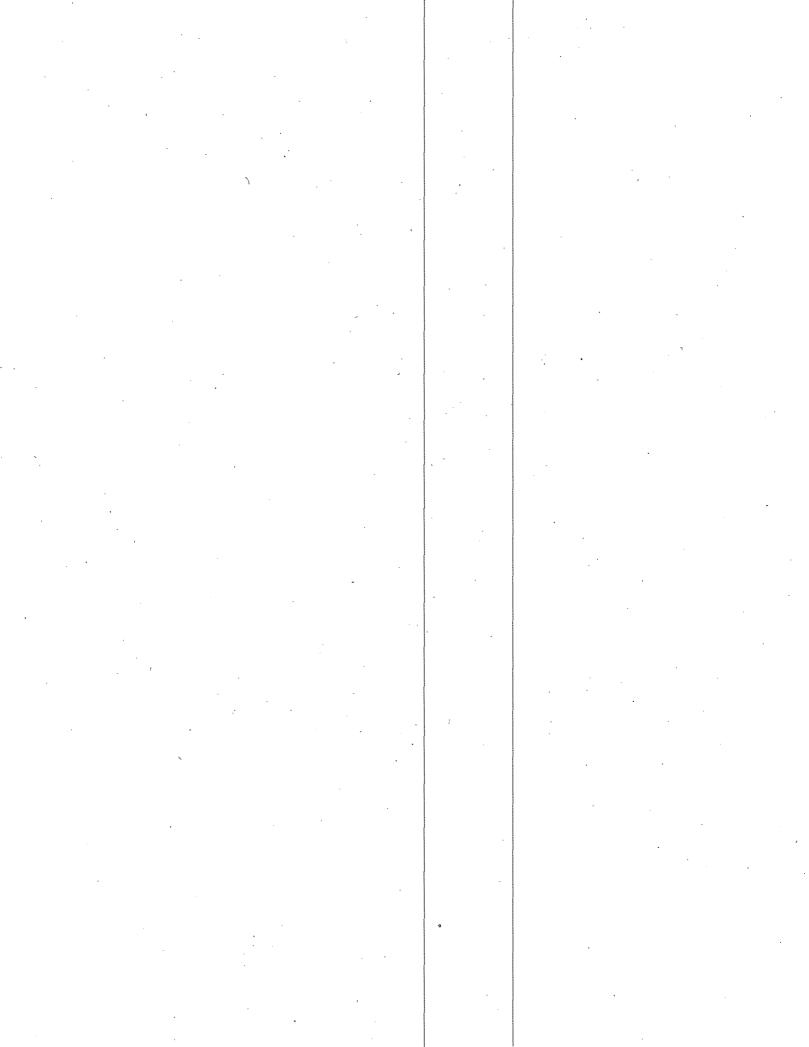
Lab ID: C124401-03

Matrix: Ambient Air

Date Collected: 10/23/12 10:25

Dute Conv	tteu. 10/25/12 10.25		CONTRACTOR			
CAS Number 5	Analyte	Results Qualifiers	Units Des	MRL Propured.	Analyzedi	Method 2
25429-29-2	Pentachlorobiphenyl (Total)	0.19	ng/m3 0.00	0024 10/29/12	11/07/12	Contract SOW
R4-8001156	TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 0)	7.0E-5	ng/m3	10/29/12	11/07/12	Contract SOW
R4-8001157	TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x, I/2)	9.5E-5	ng/m3	10/29/12	11/07/12	Contract SOW
R4-8001026	TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98)	0.00012	ng/m3	10/29/12	11/07/12	Contract SOW
R4-8001158	TEO (Fish for PCBs, WHO TEO-98) (TEF is RL x 0)	1/2.4E-7	ng/m3	10/29/12	11/07/12	Contract SOW
R4-8001159	TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 1/2)	9.1E-7	ng/m3	10/29/12	11/07/12	Contract SOW
R4-8001027	TEO (Fish Toxic Equiv. for PCBs, WHO TEO-98)	1.6E-6i	ng/m3()	10/29/12	11/07/12	Contract SOW
R4-8001161	TEQ (Mammal for PCBs WHO TEQ-05) (TEF is RL x 1/2)	1.7E-5	ng/m3	10/29/12	11/07/12	Contract SOW
R4-8001160	TEQ (Mammal for PCBs, WHO TEQ-05) (TEF is RL x 0)	7.3E-7	ng/m3	10/29/12	11/07/12	Contract SOW
R4-8000909	TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05)	3.2E-5	ng/m3	10/29/12	11/07/12	Contract SOW
26914-33-0	. Tetrachlorobiphenyl (Total)	0.54	ng/m3 0.00	0024 10/29/12	11/07/12	Contract SOW
1336-36-3	Total PCBs	1.8	ng/m3 0.00	0024 10/29/12	11/07/12	Contract SOW
25323-68-6	Trichlorobiphenyl (Total)	0.38,	ng/m3 0.00	0024 =10/29/12	11/07/12	Contract SOW 1999

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102412

Station ID:  $\underline{\mathbf{F}}$ 

Lab ID: <u>C124401-04</u>

Matrix: Ambient Air

Date Collected: 10/24/12 10:30

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzedi	Methoil
25512-42-9	Dichlorobiphenyl (Total)	0.40	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
28655-71-2	Heptachlorobiphenyl (Total)	. 0.015	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
26601-64-9	Hexachlorobiphenyl (Total)	0.063	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
27323-18-8	Monochlorobiphenyl (Total)	0.15	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
53742-07-7	Nonachlorobiphenyl (Total)	0.0021	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
55722-26-4	Octachlorobiphenyl (Total)	0.0038	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
2051-60-7	PCB Congener # 1	0.14 J, CLP33	ng/m3	0:00064	10/29/12	11/07/12	Contract SOW
2051-61-8	PCB Congener # 2	0.0027 J, CLP33	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
2051-62-9	PCB Congener # 3	0.013 J; CLP33	ng/m3	0:00026	10/29/12	11/07/12	Contract SOW
13029-08-8	PCB Congener # 4	0.17 J, CLP33	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
16605-91-7	PCB Congener # 5	0.00051 U. J. CUP33	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
25569-80-6	PCB Congener # 6	0.022 J, CLP33	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
33284-50-3	PGB Congener # 7	0.011 J, CEP33	ng/m3	0:00051	10/29/12	11/07/12	Contract SOW
34883-43-7	PCB Congener # 8	0.069	ng/m3	0.0026	10/29/12	11/07/12	Contract SOW
34883-39-1	PCB Congener # 9	0.0066 J, CLP33	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
33146-45-1	PCB Congener # 10	0.010 J, CLP33	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
2050-67-1	PCB Congener # 11	0.075	ng/m3	0.0064	10/29/12	11/07/12	Contract SOW
R4-8000863	PCB Congener # 12 and/or 13	· ′ - 0.0073	ng/m3	0.0010	10/29/12	11/07/12	Contract SOW
34883-41-5	PCB Congener # 14	0:00051 U	ng/m3*	0:00051	10/29/12	11/07/12	Contract SOW
2050-68-2	PCB Congener # 15	0.035	ng/m3	0.0026	10/29/12	11/07/12	Contract SOW
38444-78-9	PCB Congener #16	0:021	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
37680-66-3	PCB Congener # 17	0.038	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
R4-8000864	PCB Congener # 18 and/or 30	0.051	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
38444-73-4	PCB Congener # 19	0.051	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
R4-8000865	PCB Congener #20 and/or 28	0.061	ng/m3	0.0026	10/29/12	11/07/12	Contract SOW
R4-8000866	PCB Congener # 21 and/or 33	0.025	ng/m3	0.0010	10/29/12	11/07/12	Contract SOW
38444-85-8	PCB Congener # 22	0.017	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
55720-44-0	PCB Congener # 23	0.00026 U	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB Aroclors**

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102412

Station ID: **F** 

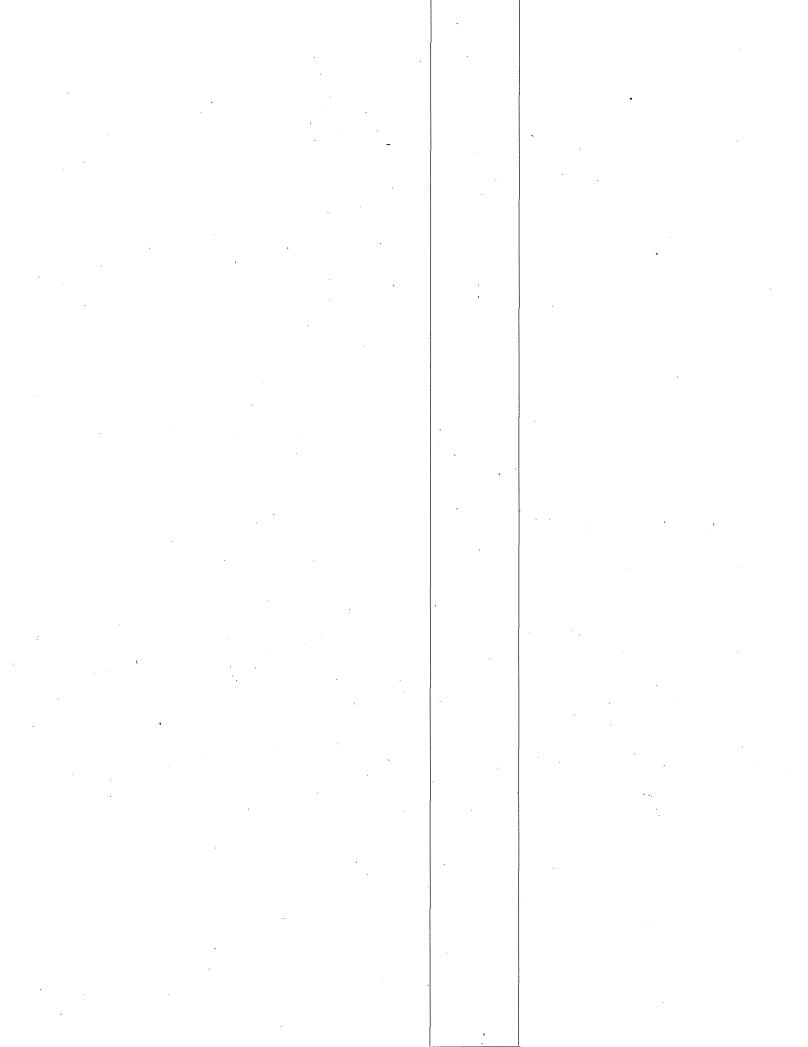
Lab ID: <u>C124401-04</u>

Matrix: Ambient Air

Date Collected: 10/24/12 10:30

			SCHOOL ST			10.00	
CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method.
55702-45-9	PCB Congener # 24	0.000 <b>26</b> U	ng/m3	0.00026	10/29/12	-11/07/12	Contract SOW
55712-37-3	PCB Congener # 25	0.0068	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
R4-8000867	PCB Congener # 26 and/or 29	0.013	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
38444-76-7	PCB Congener # 27	0.012	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
16606-02-3	PCB Congener # 31	0.051	ng/m3	0.0013	10/29/12	11/07/12	Contract SOW
38444-77-8	PCB Congener # 32	0.018	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
37680-68-5	PCB Congener # 34	0.00038	ng/m3	0:00026	10/29/12	11/07/12	Contract SOW
37680-69-6	PCB Congener # 35	0.0012	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
38444-87-0	PCB Congener # 36	0.00051, ∪	ng/m3	0.00051	-10/29/12	11/07/12	Contract SOW
38444-90-5	PCB Congener # 37	0.0098	ng/m3	0.0026	10/29/12	11/07/12	Contract SOW
53555-66-1	PCB Congener # 38	0.00026 🛈	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
38444-88-1	PCB Congener # 39	0.00051 U	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
R4-8001051	PCB Congener # 40 and/or 71	0.020 J, QI-1	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
52663-59-9	PCB Congener # 41	0.0037 J, QI-1	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
36559-22-5	PCB Congener # 42	0.014 J.QI-1	ng/m3 =	0.00026	10/29/12	11/07/12	Contract SOW
70362-46-8	PCB Congener # 43	0.0028 J, QI-1	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
R4-8000869	PCB Congener # 44 and/or 47,65	0:13 J-Q1=1	ng/m3	0.00077	10/29/12	11/07/12	Contract SOW
R4-8000870	PCB Congener # 45 and/or 51	0.024 J, QI-1	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
41464-47-5	PCB Congener # 46	0.0040 J, QI-1	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
70362-47-9	PCB Congener # 48	0.0075 J, QI-1	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
R4-8000871	PCB Congener # 49 and/or 69	0.052 J; QI-1	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
R4-8000872	PCB Congener # 50 and/or 53	0.012 J, QI-1	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
35693-99-3	PCB Congener # 52	0.11 J. QI-1	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
15968-05-5	PCB Congener # 54	0.0017	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
74338-24-2	PCB Congener # 55	0.00032 J, QI-I	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
41464-43-1	PCB Congener # 56	0.0087 J, QI-1	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
70424-67-8	PCB Congener # 57	0.00026 U	ng/m3	0.00026	10/29/12	11/07/12.	Contract SOW
41464-49-7	PCB Congener # 58	0.00026 U	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
R4-8000873	PCB Congener # 59 and/or 62,75	0.0059 J. QL-1	ng/m3	0.00077	10/29/12	11/07/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102412

Station ID: F

Lab ID: <u>C124401-04</u>

Matrix: Ambient Air

Date Collected: 10/24/12 10:30

CAS			•				
Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
33025-41-1	PCB Congener # 60	0.0039 J, QI-1	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
R4-8000874	PCB Congener # 61 and/or 70,74,76	0.034 J, QI-1	ng/m3	0.0010	10/29/12	11/07/12	Contract SOW
74472-34-7:	PCB Congener #/63	0.0014 J, QI-1	ng/m3	0.00064	10/29/12	11/07/12	Contract SOW
52663-58-8	PCB Congener # 64	0.023 J, QI-1	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
32598-10-0	PCB Congener # 66	0.025 J, QI-1	ng/m3	0.00064	10/29/12	11/07/12	Contract SOW
73575-53-8	PCB Congener # 67	0.00078 J, QI-1	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
73575-52-7	PCB Congener # 68	0:0045 J; QI-I	ng/m3	0:00026	10/29/12	11/07/12	Contract SOW
41464-42-0	PCB Congener # 72	0.00058 J, QI-1	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
74338-23-1	PCB Congener # 73	0.00026 U	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
32598-13-3	PCB Congener # 77	0.0013 J, Ql-1	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
70362-49-1	PCB Congener # 78	0.00026 U	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
41464-48-6	PCB Congener # 79	0.00051 U	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
33284-52-5	PCB Congener # 80	0.00051 TJ	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
70362-50-4	PCB Congener # 81	0.00026 U	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
52663-62-4	PCB Congener # 82	0.0026 J, QI-1	ng/m3	0.00064	10/29/12	11/07/12	Contract SOW
60145-20-2	PCB Congener # 83	0.0015 J, QI-1	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
52663-60-2	PCB Congener # 84	0.0088 U, QI-1	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
R4-8000876	PCB Congener # 85 and/or 116,117	0.0054 J, QI-1	ng/m3	0.00077	10/29/12	11/07/12	Contract SOW
E52450707	PCB Congener # 86 and/or 87,97,109,119,125	0.018 J. QI-1	ng/m3	0.0015	10/29/12	11/07/12	Contract SOW
R4-8000878	PCB Congener # 88 and/or 91	. 0.0064 J, QI-1	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
73575-57-2	PCB Congener # 89	0.00045 J, QI-1	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
R4-8000879	PCB Congener # 90 and/or 101,113	0.035 J, QI-1	ng/m3	0.00077	10/29/12	11/07/12	Contract SOW .
52663-61-3	PCB Congener # 92	0.0072 J. QI-1	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
R4-8001052	PCB Congener # 93 and/or 100	0.00072 J, QI-1	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
735 <b>75-</b> 55-0	PCB Congener # 94	0.00038 J, QI-1	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
38379-99-6	PCB Congener # 95	0.033 J, QI-1	ng/m3 [/]	0.00051	10/29/12	11/07/12	Contract SOW
73575-54-9	PCB Congener # 96	0.00050 J, QI-1	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
R4-8001056	PCB Congener # 98 and/or 102	0.0016 J, QI-1	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
					-		

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102412

Station ID: F

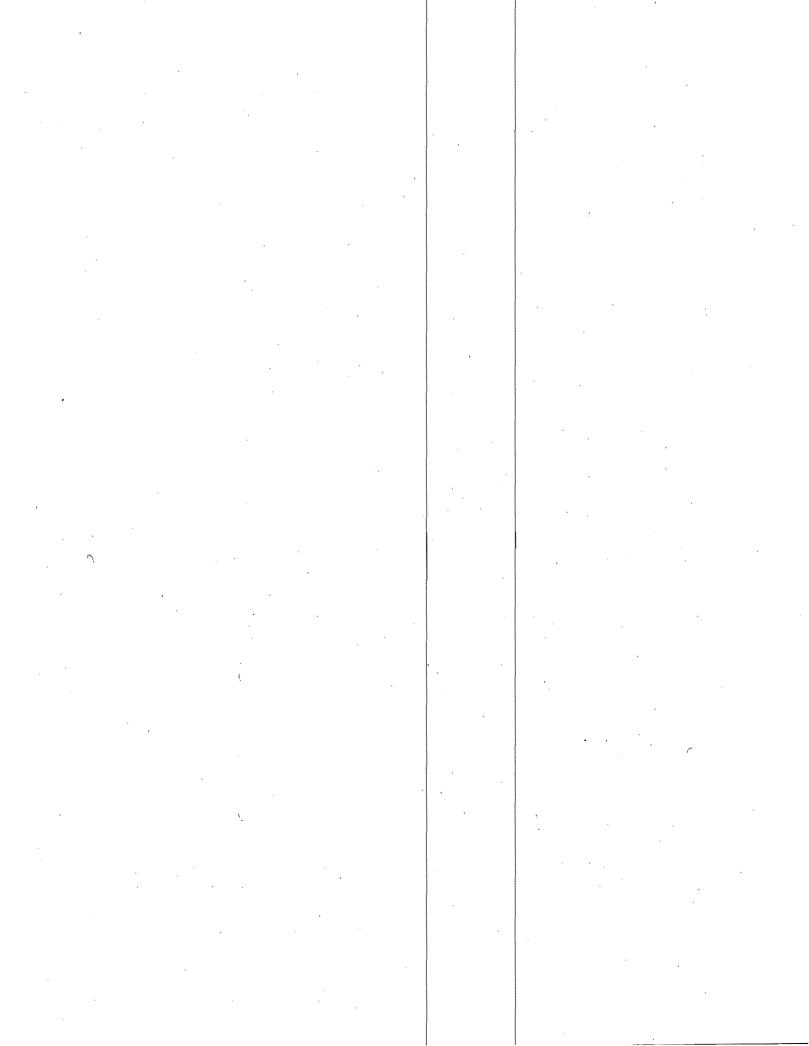
Lab ID: C124401-04

Matrix: Ambient Air

Date Collected: 10/24/12 10:30

Date Coll	ected: 10/24/12 10:30			40.00			
CAS Number	Analyte	Results Qualifiers	Units	, MRI	Prepared :	Analyzed	Method:
38380-01-7	PCB Congener # 99	0.016 J.QE147	ng/m3	0/00026	10/29/12	11/07/12	Contract SOW
60145-21-3	PCB Congener #103	0.00064 U	ng/m3	0.00064	10/29/12	11/07/12	Contract SOW
\$6558-16-8	PCB Congener #104	0.00026 U	ng/m3	-0.00026	10/29/12	11/07/12	Contract SOW
32598-14-4	PCB Congener-#105	0.0039 J, QI-1	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
70424-69-0	PCB Congener #106	0.00026 U	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW = =
70424-68-9	PCB Congener #107	0.0010 J, QI-1	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
R4-8001053	PCB Congener #108 and/or 124	0.00052 J. QI-1	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
R4-8000882	PCB Congener #110 and/or 115	0.023 J, Q1-1	ng/m3	0:00051	10/29/12	11/07/12	Contract SOW
39635-32-0	PCB Congener #111	0.00026 U	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
74472-36-9	PCB Congener #112	0.00026 U	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
74472=37-0	PCB Congener #114	0:00029	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
31508-00-6	PCB Congener #118	0.011	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
68194-12-7	PCB Congener #120	0.00026 U	ng/m3	0.00026	10/29/12	-11/07/12	Contract SOW
56558-18-0	PCB Congener #121	0.00033 J, Q1-1	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
76842-07-4	PCB Congener #122	0.00026 U	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
65510-44-3	PCB Congener #123	0.00026 U	ng/m3	0.00026	-10/29/12	11/07/12	Contract SOW
57465-28-8	PCB Congener #126	0.00026 U	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
39635-33-1	PCB Congener #127	0.00026 U	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW ·
R4-8000883	PCB Congener #128 and/or 166	0.00098	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
R4-8001054	PCB Congener #129 and/or, 138,163	0.010	ng/m3	0.00077	10/29/12	11/07/12	Contract SOW
52663-66-8	PCB Congener #130	0.00062	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
61798-70-7	PCB Congener #131	0.00026 U	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
38380-05-1	PCB Congener #132	0.0044	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
35694-04-3	PCB Congener #133	0.00026 U	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
52704-70-8	PCB Congener #134	-0.00088	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
R4-8001055	PCB Congener #135 and/or 151	0.0073	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
38411-22:2	PCB Congener #136	0.0032	≕ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
35694-06-5	PCB Congener #137	0.00043	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
R4-8000887	PCB Congener #139 and/or 140	0.00051 U	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB Aroclors**

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102412

Station ID: **F** 

Lab ID: <u>C124401-04</u>

Matrix: Ambient Air

Date Collected: 10/24/12 10:30

\$2712-64-6, PCB Congener #141   \$0.0022   ng/m3   0.00026   10.2912   11.07/12   contract SGW   14.11-61-4   PCB Congener #142   0.00026 U ng/m3   0.00026   10.2912   11.07/12   contract SGW   63.94-13-0.	CAS					
41411-61-4 PCB Congener #142	Number	Analyte	Results Qualifiers	Units ;	MRL Prepared	Analyzed Method
68194-15-0 PCB Congener #144 0.00091 ng/m3 0.00026 10/2912 11/07/12 Contract SOW 74472-41-5 PCB Congener #144 0.00091 ng/m3 0.00026 10/2912 11/07/12 Contract SOW 51908-16-8 PCB Congener #146 0.00020 ng/m3 0.00026 10/2912 11/07/12 Contract SOW 74472-41-6 PCB Congener #147 and/or 149 10/016 ng/m3 0.00026 10/2912 11/07/12 Contract SOW 74472-41-6 PCB Congener #148 0.00026 U ng/m3 0.000026 10/29/12 11/07/12 Contract SOW 74472-41-6 PCB Congener #159 0.00026 U ng/m3 0.000026 10/29/12 11/07/12 Contract SOW 74472-41-6 PCB Congener #152 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-41-6 PCB Congener #153 and/or 168 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-41-6 PCB Congener #153 and/or 168 0.00026 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-42-4 PCB Congener #154 0.00026 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-42-2 PCB Congener #155 0.00026 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-42-2 PCB Congener #155 0.00026 0.00026 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-42-2 PCB Congener #155 0.00026 0.00026 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-42-2 PCB Congener #155 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-42-2 PCB Congener #159 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-42-3 PCB Congener #159 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-43-8 PCB Congener #160 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-43-8 PCB Congener #164 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #165 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #167 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #167 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #167 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #167 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #167 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74	52712-04-6	PCB Congener #141	0.0022	.ng/m3	0/00051 10/29/12	11/07/12 Contract SOW
68194-14-9 PCB Congener #144 0,00091 ng/m3 0,00026 10/2912 11/07/12 Contract SOW 7/47/2-40-5 PCB Congener #145 0,00026 U ng/m3 0,00026 10/2912 11/07/12 Contract SOW 8.48000888 PCB Congener #147 and/or 149 0.016 ng/m3 0,00026 10/2912 11/07/12 Contract SOW 7/447/2-41-6 PCB Congener #148 0,00026 U ng/m3 0,00026 10/2912 11/07/12 Contract SOW 68194-08-11 PCB Congener #148 0,00026 U ng/m3 0,00026 10/2912 11/07/12 Contract SOW 68194-08-11 PCB Congener #152 0,00026 U ng/m3 0,00026 10/2912 11/07/12 Contract SOW 68194-09-2 PCB Congener #152 0,00026 U ng/m3 0,00026 10/2912 11/07/12 Contract SOW 68194-09-2 PCB Congener #154 0,00026 ng/m3 0,00026 10/2912 11/07/12 Contract SOW 68194-09-2 PCB Congener #155 0,00026 ng/m3 0,00026 10/2912 11/07/12 Contract SOW 69194-08-12 PCB Congener #155 0,00026 ng/m3 0,00026 10/2912 11/07/12 Contract SOW 69194-08-12 PCB Congener #155 0,00026 ng/m3 0,00026 10/2912 11/07/12 Contract SOW 69194-08-12 PCB Congener #155 0,00026 ng/m3 0,00026 10/2912 11/07/12 Contract SOW 69194-08-12 PCB Congener #155 0,00026 ng/m3 0,00026 10/2912 11/07/12 Contract SOW 69194-08-12 PCB Congener #155 0,00026 ng/m3 0,00026 10/2912 11/07/12 Contract SOW 69194-08-12 PCB Congener #159 0,00026 ng/m3 0,00026 10/2912 11/07/12 Contract SOW 69194-18-18-18-18-18-18-18-18-18-18-18-18-18-	41411-61-4	PCB Congener #142	0.00026 U	ng/m3	0.00026 10/29/12	11/07/12 Contract SOW
7447240-5 PCB Congener #145 0.00026 U ng/m3 0.00026 10729/12 11/07/12 Contract SOW 151908-16-8 PCB Congener #146 0.0020 ng/m3 0.00026 10729/12 11/07/12 Contract SOW 148-8008833 PCB Congener #147 and/or 149 0.016 ng/m3 0.00026 10729/12 11/07/12 Contract SOW 74472-41-6 PCB Congener #148 0.00026 U ng/m3 0.00026 10729/12 11/07/12 Contract SOW 68194-08-E1 PCB Congener #150 0.00026 U ng/m3 0.00026 10729/12 11/07/12 Contract SOW 68194-09-2 PCB Congener #152 0.00026 U ng/m3 0.00026 10729/12 11/07/12 Contract SOW 68194-09-2 PCB Congener #153 and/or 168 0.0022  ng/m3 0.00026 10729/12 11/07/12 Contract SOW 60145-22-4 PCB Congener #154 0.00026 ng/m3 0.00026 10729/12 11/07/12 Contract SOW 60145-22-4 PCB Congener #155 0.00026 ng/m3 0.00026 10729/12 11/07/12 Contract SOW 60145-22-4 PCB Congener #155 0.00026 ng/m3 0.00026 10729/12 11/07/12 Contract SOW 74472-42-7 PCB Congener #155 0.00026 ng/m3 0.00026 10729/12 11/07/12 Contract SOW 74472-42-7 PCB Congener #156 and/or 157 0.00061 ng/m3 0.00026 10729/12 11/07/12 Contract SOW 17411-62-5 PCB Congener #159 0.00026 U ng/m3 0.00026 10729/12 11/07/12 Contract SOW 17411-62-5 PCB Congener #160 0.00026 U ng/m3 0.00026 10729/12 11/07/12 Contract SOW 17412-42-7 PCB Congener #160 0.00026 U ng/m3 0.00026 10729/12 11/07/12 Contract SOW 17412-43-8 PCB Congener #164 0.00026 U ng/m3 0.00026 10729/12 11/07/12 Contract SOW 174472-45-0 PCB Congener #164 0.00026 U ng/m3 0.00026 10729/12 11/07/12 Contract SOW 174472-46-1 PCB Congener #164 0.00026 U ng/m3 0.00026 10729/12 11/07/12 Contract SOW 174472-46-1 PCB Congener #165 0.00026 U ng/m3 0.00026 10729/12 11/07/12 Contract SOW 174472-46-1 PCB Congener #165 0.00026 U ng/m3 0.00026 10729/12 11/07/12 Contract SOW 174472-46-1 PCB Congener #165 0.00026 U ng/m3 0.00026 10729/12 11/07/12 Contract SOW 174472-46-1 PCB Congener #165 0.00026 U ng/m3 0.00026 10729/12 11/07/12 Contract SOW 174472-46-1 PCB Congener #174 0.00026 U ng/m3 0.00026 10729/12 11/07/12 Contract SOW 174472-46-1 PCB Congener #177 0.00026 U ng/m3 0.00026 10729/12 11/07/12 Contract SOW 174472	68194-15-0.	PCB Congener #143	0.00026 U	ng/m3	0.00026 10/29/12	. 11/07/12 Contract SOW
\$1908-16-8 PCB Congener #146	68194-14-9	PCB Congener #144	0.00091	ng/m3	0.00026 10/29/12	11/07/12 Contract SOW
R4-8000888         PCB Congener #147 and/or 149         0.016         ng/m3         0.0010         10/29/12         11/07/12         Contract SOW           74472-41-6         PCB Congener #148         0.00026 U         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           68194-08-1         PCB Congener #150         0.00026 U         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           68194-09-2         PCB Congener #152         0.00026 U         ng/m3         0.0010         10/29/12         11/07/12         Contract SOW           84.8000889         PCB Congener #154         0.00026         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           84.8000890         PCB Congener #155         0.00026 U         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           84.8000890         PCB Congener #155         0.00061         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           74472-42.7         PCB Congener #158         0.00089         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           74472-42.7         PCB Congener #169         0.00026 U         ng/m3 <td< th=""><th>74472-40-5</th><th>PCB Congener #145</th><th>0.00026 U</th><th>ng/m3</th><th>0.00026 10/29/12</th><th>11/07/12 * Contract SOW</th></td<>	74472-40-5	PCB Congener #145	0.00026 U	ng/m3	0.00026 10/29/12	11/07/12 * Contract SOW
74472-41-6 PCB Congener #148 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 68194-08-1 PCB Congener #150 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 68194-09-2 PCB Congener #152 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 68194-09-2 PCB Congener #153 and/or 168 0.012 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 60145-22-4 PCB Congener #154 0.00026 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 33979-03-2 PCB Congener #155 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-42-7 PCB Congener #158 0.00026 Ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-42-7 PCB Congener #158 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 39635-33-3 PCB Congener #159 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-43-8 PCB Congener #160 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-43-8 PCB Congener #161 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-43-8 PCB Congener #164 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #165 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #165 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #165 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #165 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #169 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #169 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #170 0.00076 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 32663-74-8 PCB Congener #171 and/or 173 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34411-25-5 PCB Congener #172 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34411-25-5 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34411-25-5 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34411-25-5 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 40186-70-7 PCB Con	51908-16-8	PCB Congener #146	0.0020	ng/m3	0.00026 10/29/12	11/07/12 Contract SOW
68194-08-1 PCB Congener #150 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 68194-09-2 PCB Congener #152 0.00026 U ng/m3 0.0010 10/29/12 11/07/12 Contract SOW 68194-09-2 PCB Congener #153 and/or-168 0.012 ng/m3 0.0010 10/29/12 11/07/12 Contract SOW 60145-22-4 PCB Congener #154 0.00026 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 33979-03-2 PCB Congener #155 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-42-7 PCB Congener #158 0.00089 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 39635-35-3 PCB Congener #159 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 41411-62-5 PCB Congener #160 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-43-8 PCB Congener #161 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 39635-35-3 PCB Congener #164 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 39635-34-2 PCB Congener #164 0.00061 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 39635-34-2 PCB Congener #164 0.00061 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 39635-34-2 PCB Congener #165 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 397472-46-1 PCB Congener #165 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #167 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #169 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #170 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #170 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 32663-74-8 PCB Congener #171 and/or 1/73 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34411-25-5 PCB Congener #172 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34411-25-5 PCB Congener #172 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34411-25-5 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 40186-70-7 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 40186-70-7 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 40186-70-7 PCB Conge	R4-8000888	PCB Congener #147 and/or 149	0.016	- ng/m3	0.0010 10/29/12	11/07/12 Contract SOW
68194-09-2         PCB Congener #152         0.00026 U         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           R4:8000889         PCB Congener #153 and/or 168         0.012         ng/m3         0.0010         10/29/12         11/07/12         Contract SOW           60145-22-4         PCB Congener #154         0.00026         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           33979-03-2         PCB Congener #155         0.00026 U         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           R4-8000890         PCB Congener #158         0.00089         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           74472-42-7         PCB Congener #159         0.00026 U         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           74472-43-8         PCB Congener #160         0.00026 U         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           74472-45-0         PCB Congener #162         0.00026 U         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           74472-46-1         PCB Congener #167         0.00026 U         ng/m3	74472-41-6	PCB Congener #148	0.00026 U	ng/m3	0.00026 10/29/12	11/07/12 Contract SOW
R4-8000889 PCB Congener #153 and/or 168 0.012 ng/m3 0.0010 10/29/12 11/07/12 Contract SOW 60145-22-4 PCB Congener #154 0.00026 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 33979-03-2 PCB Congener #155 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW R4-8000890 PCB Congener #156 and/or 157 0.00061 ng/m3 0.00051 10/29/12 11/07/12 Contract SOW 74472-42-7 PCB Congener #158 0.00089 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 9035-35-3 PCB Congener #159 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 4141-62-5 PCB Congener #160 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-43-8 PCB Congener #161 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 9035-34-2 PCB Congener #162 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #164 0.00061 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #164 0.00061 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-46-1 PCB Congener #165 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 52663-72-6 PCB Congener #167 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #169 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #170 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 32663-74-8 PCB Congener #171 and/or 173 0.00056 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #172 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #174 0.00096 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34411-25/55 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB	68194-08-1	PCB Congener #150	0.00026 U	ng/m3	0.00026 10/29/12	11/07/12 Contract SOW
60145-22-4 PCB Congener #154 0.00026 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 33979-03-2 PCB Congener #155 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW R4-8000890 PCB Congener #156 and/or 157 0.00061 ng/m3 0.00051 10/29/12 11/07/12 Contract SOW 74472-42-7 PCB Congener #158 0.00089 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 14/11-62-5 PCB Congener #159 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 14/11-62-5 PCB Congener #160 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-43-8 PCB Congener #161 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 19/33-34-2 PCB Congener #162 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 14/12-45-0 PCB Congener #164 0.00061 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #165 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 14/12-45-0 PCB Congener #165 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 14/12-45-1 PCB Congener #165 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 14/12-45-1 PCB Congener #165 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 14/12-45-1 PCB Congener #167 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 13/14/16-6 PCB Congener #169 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 13/14/16-6 PCB Congener #170 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 13/14/16-6 PCB Congener #170 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 13/14/16-6 PCB Congener #171 nad/or 1/3 0.00031 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 13/14/16-6 PCB Congener #172 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 13/14/16-5 PCB Congener #172 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 13/14/14-55-5 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 13/14/14-55-5 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 13/14/14-55-5 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 13/14/14-55-5 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 13/1	68194-09-2	PCB Congener #152	0.00026 U	ng/m3	0.00026 10/29/12	11/07/12 Contract SOW
33979-03-2 PCB Congener #155 0,00026 U ng/m3 0,00026 10/29/12 11/07/12 Contract SOW R4-8000890 PCB Congener #156 and/or 157 0,00061 ng/m3 0,00051 10/29/12 11/07/12 Contract SOW 74472-42_7 PCB Congener #158 0.00089 ng/m3 0,00026 10/29/12 11/07/12 Contract SOW 39635-35-3 PCB Congener #169 0,00026 U ng/m3 0,00026 10/29/12 11/07/12 Contract SOW 47411-62-5 PCB Congener #160 0,00026 U ng/m3 0,00026 10/29/12 11/07/12 Contract SOW 74472-43-8 PCB Congener #161 0,00026 U ng/m3 0,00026 10/29/12 11/07/12 Contract SOW 39635-34-2 PCB Congener #162 0,00026,U ng/m3 0,00026 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #164 0,00061 ng/m3 0,00026 10/29/12 11/07/12 Contract SOW 74472-46-1 PCB Congener #165 0,00026 U ng/m3 0,00026 10/29/12 11/07/12 Contract SOW 52663-72-6 PCB Congener #167 0,00026 U ng/m3 0,00026 10/29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #169 0,00026 U ng/m3 0,00026 10/29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #170 0,00076 ng/m3 0,00026 10/29/12 11/07/12 Contract SOW 32663-30-6 PCB Congener #170 0,00076 ng/m3 0,00026 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #171 and/or 173 0,00026 U ng/m3 0,00026 10/29/12 11/07/12 Contract SOW 38411-25-5 PCB Congener #174 0,0019 ng/m3 0,00026 10/29/12 11/07/12 Contract SOW 34411-25-5 PCB Congener #175 0,00026 U ng/m3 0,00026 10/29/12 11/07/12 Contract SOW 40186-70-7 PCB Congener #175 0,00026 U ng/m3 0,00026 10/29/12 11/07/12 Contract SOW 40186-70-7 PCB Congener #175 0,00026 U ng/m3 0,00026 10/29/12 11/07/12 Contract SOW 40186-70-7 PCB Congener #175 0,00026 U ng/m3 0,00026 10/29/12 11/07/12 Contract SOW 40186-70-7 PCB Congener #175 0,00026 U ng/m3 0,00026 10/29/12 11/07/12 Contract SOW 40186-70-7 PCB Congener #175 0,00026 U ng/m3 0,00026 10/29/12 11/07/12 Contract SOW 40186-70-7 PCB Congener #175 0,00026 U ng/m3 0,00026 10/29/12 11/07/12 Contract SOW 40186-70-7 PCB Congener #175 0,00026 U ng/m3 0,00026 10/29/12 11/07/12 Contract SOW 40186-70-7 PCB Congener #175 0,00026 U ng/m3 0,00026 10/29/12 11/07/12 Contract SOW 40186-70-7 PCB Congen	R4-8000889	PCB Congener #153 and/or 168	0.012	ng/m3	0.0010 10/29/12	11/07/12 Contract SOW
R4-800890 PCB Congener #156 and/or 157 0,00061 ng/m3 0.00051 10/29/12 11/07/12 Contract SOW 74472-42-27 PCB Congener #158 0.00089 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 39635-35-3 PCB Congener #159 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 41411-62-5 PCB Congener #160 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-43-8 PCB Congener #161 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 39635-34-2 PCB Congener #162 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #164 0.00061 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-46-1 PCB Congener #165 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 52663-72-6 PCB Congener #167 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #169 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 35065-30-6 PCB Congener #170 0.00076 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 35065-30-6 PCB Congener #170 0.00076 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34411-25-5 PCB Congener #174 4 0.0019 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34411-25-5 PCB Congener #174 4 0.0019 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34411-25-5 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34411-25-5 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34411-25-5 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34411-25-5 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34411-25-5 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34411-25-5 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34411-25-5 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34411-25-5 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34411-25-5 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34411-25-5 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34411-25-5 PCB Congener #175 0.	60145-22-4	PCB Congener #154	0.00026	ng/m3	0.00026 10/29/12	11/07/12 Contract SOW
74472-42-7 PCB Congener #158 0:00089 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 39635-35-3 PCB Congener #159 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 47411-62-5 PCB Congener #160 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-43-8 PCB Congener #161 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 39635-34-2 PCB Congener #162 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #164 0.00061 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-46-1 PCB Congener #165 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 52663-72-6 PCB Congener #167 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #169 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 35065-30-6 PCB Congener #170 0.00076 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 7448000391 PCB Congener #171 and/or 173 0.00051 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #174 0.0009 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #174 0.0009 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 38411-25-5 PCB Congener #174 0.0009 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 38411-25-5 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 9CB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 9CB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 9CB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 9CB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 9CB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 9CB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 9CB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 9CB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 9CB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 9CB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 9CB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12	33979-03-2	PCB Congener #155	0.00026 U	ng/m3	0.00026 10/29/12	11/07/12 Contract SOW
39635-35-3 PCB Congener #159 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 41/411-62-5 PCB Congener #160 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-43-8 PCB Congener #161 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-43-8 PCB Congener #162 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #164 0.00061 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-46-1 PCB Congener #165 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-46-1 PCB Congener #167 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 72744-16-6 PCB Congener #169 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 72744-16-6 PCB Congener #169 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 72744-16-6 PCB Congener #170 0.00076 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 72663-74-8 PCB Congener #171 and/or 173 0.00051 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 72663-74-8 PCB Congener #174 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 72663-74-8 PCB Congener #174 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 72663-74-8 PCB Congener #174 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 72663-74-8 PCB Congener #174 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 72663-74-8 PCB Congener #174 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 72663-74-8 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 72663-74-8 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 72663-74-8 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 72663-74-8 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 72663-74-8 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 72663-74-8 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 72663-74-8 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 72663-74-8 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 72663-74-8 PCB Congene	R4-8000890	PCB Congener #156 and/or 157	0.00061	ng/m3	0.00051 10/29/12	11/07/12 Contract SOW
41411-62-5 PCB Congener #160 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-43-8 PCB Congener #161 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 39635-34-2 PCB Congener #162 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #164 0.00061 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-46-1 PCB Congener #165 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 52663-72-6 PCB Congener #167 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #169 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 35065-30-6 PCB Congener #170 0.00076 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74-8000891 PCB Congener #171 and/or 173 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #172 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #172 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34-11-25-5 PCB Congener #174 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34-11-25-5 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34-11-25-5 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34-11-25-5 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 34-11-25-5 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 0.00026 U ng/m3 0.00026 U	74472-42-7	PCB.Congener#158	0.00089	ng/m3	0.00026 10/29/12	11/07/12 Contract SOW
74472-43-8         PCB Congener #161         0.00026 U         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           39635-34-2         PCB Congener #162         0.00026 U         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           74472-45-0         PCB Congener #164         0.00061         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           74472-46-1         PCB Congener #165         0.00026 U         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           52663-72-6         PCB Congener #167         0.00026 U         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           32774-16-6         PCB Congener #169         0.00026 U         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           35065-30-6         PCB Congener #170         0.00076         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           82663-74-8         PCB Congener #171         0.00026         U         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           38411-25-5         PCB Congener #174         0.0019         ng/m3			0.00026 U	ng/m3	0.00026 10/29/12	11/07/12 Contract SOW
39635-34-2 PCB Congener #162 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-45-0 PCB Congener #164 0.00061 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-46-1 PCB Congener #165 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 52663-72-6 PCB Congener #167 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #169 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 35065-30-6 PCB Congener #170 0.00076 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74-8000891 PCB Congener #171 and/or 1/73 0.00051 U ng/m3 0.00051 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #172 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 38411-25:5 PCB Congener #174 0.0019 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 9CB Congener #174 0.0019 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 186-70-7 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 9CB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 186-70-7 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 186-70-7 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 186-70-7 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 186-70-7 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW	41411-62-5	PCB Congener#160	0.00026 ∪	ng/m3	0.00026 10/29/12	11/07/12 Contract SOW
74472-45-0 PCB Congener #164 0.00061 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 74472-46-1 PCB Congener #165 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 52663-72-6 PCB Congener #167 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #169 0.00026 UL ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 35065-30-6 PCB Congener #170 0.00076 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW R4-8000891 PCB Congener #171 and/or 173 0.00051 U ng/m3 0.00051 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #172 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 38411-25-5 PCB Congener #174 0.0019 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 40186-70-7 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW	74472-43-8	PCB Congener #161	0.00026 U	ng/m3	0.00026 10/29/12	11/07/12 Contract SOW
74472-46-1 PCB Congener #165 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 52663-72-6 PCB Congener #167 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 32774-16-6 PCB Congener #169 0.00026 UL ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 35065-30-6 PCB Congener #170 0.00076 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW R4-8000891 PCB Congener #171 and/or 1/73 0.00051 U ng/m3 0.00051 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #172 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 38411-25-5 PCB Congener #174 0.0019 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 40186-70-7 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW	39635-34-2	PCB Congener #162	0.00026.U	ng/m3	0.00026 10/29/12	11/07/12 Contract SOW
52663-72-6         PCB Congener #167         0.00026 U         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           32774-16-6         PCB Congener #169         0.00026 UL         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           35065-30-6         PCB Congener #170         0.00076         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           R4-8000891         PCB Congener #171 and/or 1/73         0.00051 U         ng/m3         0.00051         10/29/12         11/07/12         Contract SOW           52663-74-8         PCB Congener #172         0.00026 U         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           38411-25-5         PCB Congener #174         0.0019         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW           40186-70-7         PCB Congener #175         0.00026 U         ng/m3         0.00026         10/29/12         11/07/12         Contract SOW	74472-45-0	PCB Congener #164	0.00061	ng/m3	0.00026 10/29/12	11/07/12 Contract SOW
32774-16-6 PCB Congener #169 0.00026 U. ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 35065-30-6 PCB Congener #170 0.00076 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW R4-8000891 PCB Congener #171 and/or 1/73 0.00051 U ng/m3 0.00051 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #172 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 38411-25-5 PCB Congener #174 0.0019 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 40186-70-7 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW	74472-46-1	PCB Congener #165	0.00026 U	ng/m3	0.00026 10/29/12	11/07/12 Contract SOW
35065-30-6 PCB Congener #170 0.00076 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW  R4-8000891 PCB Congener #171 and/or 173 0.00051 U ng/m3 0.00051 10/29/12 11/07/12 Contract SOW  52663-74-8 PCB Congener #172 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW  38411-25-5 PCB Congener #174 90.0019 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW  40186-70-7 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW	52663-72-6	PCB Congener #167	0.00026 U	ng/m3	0.00026 10/29/12	11/07/12 Contract SOW
R4-8000891 PCB Congener #171 and/or 1/73 0.00051 U ng/m3 0.00051 10/29/12 11/07/12 Contract SOW 52663-74-8 PCB Congener #172 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 38411-25-5 PCB Congener #174 9 0.0019 2 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW 40186-70-7 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW	32774-16-6	PCB Congener #169	0.00026 UL	ng/m3	0:00026 10/29/12	11/07/12 Contract SOW
52663-74-8 PCB Congener #172 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW  38411-25-5 PCB Congener #174 0.0019 ng/m3 0.00026 10/29/12 11/07/12 Contract SOW  40186-70-7 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW	35065-30-6	PCB Congener #170	0.00076	ng/m3	0.00026 10/29/12	11/07/12 Contract SOW
38411-25-53 PCB Congener #174.	R4-8000891	PCB Congener #171 and/or 173	0.00051 U	ng/m3	0.00051 10/29/12	- 11/07/12 Contract SOW
40186-70-7 PCB Congener #175 0.00026 U ng/m3 0.00026 10/29/12 11/07/12 Contract SOW	52663-74-8	PCB Congener #172	0.00026 U	ng/m3	0.00026 10/29/12	11/07/12 Contract SOW
	38411-25-5	PCB Congener #174	0.0019	ng/m3	0.00026 10/29/12	11/07/12   Contract SOW
(2002) (C.2) (DED C	40186-70-7	PCB Congener #175	0.00026 U	ng/m3	0.00026 10/29/12	11/07/12 Contract SOW
32003-03-7 PCB Congener #170 5 0.00046 10/29/12 11/07/12 Contract SOW	52663-65-7	PCB Congener #176	0.00046	ng/m3	0.00026 10/29/12	11/07/12 Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102412

Station ID: **F** 

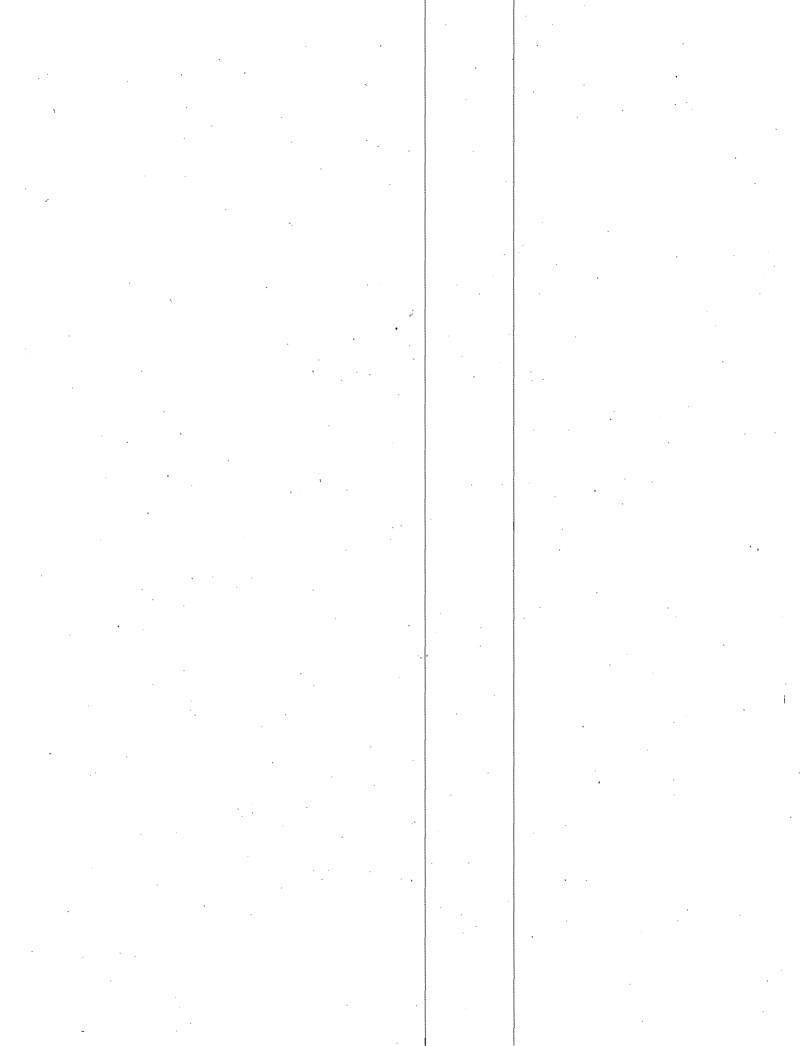
Lab ID: C124401-04

Matrix: Ambient Air

Date Collected: 10/24/12 10:30

Date Coll	ected: 10/24/12 10:30					nin-bloc na saninininkii	
CAS	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Methiid =
52663-70-4	PCB Congener #177	0.0010	ng/m3	0.00026	10/29/12	11/07/12	Contract/SOW
52663-67-9	PCB Congener #178	0.00069	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
52663-64-6	PCB Congener #179	0.0021	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
R4-8000892	PCB Congener #180 and/or 193	0.0026	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
74472-47-2	PCB Congener #181	0.00026 U	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
60145-23-5	PCB Congener #182	- 0.00026 U	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
R4-8000893	PCB Congener #183 and/or 185	0.0016	ng/m3	0.00051#	10/29/12	11/07/12	Contract SOW
74472-48-3	PCB Congener #184	0.00026 U	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
74472-49-4	PCB Congener #186	0.00026 U	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
52663-68-0	PCB Congener #187	0.0035	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
74487-85-7	PCB Congener #188	0.00026 ∪	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
39635-31-9	PCB Congener #189	0.00026 U	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
41411-64-7	PCB Congener #190	0.00026 U	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
74472-50-7	PCB Congener #191	0.00026 U	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
74472-51-8	PCB Congener #192	0.000 <u>26</u> Ü	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
35694-08-7	PCB Congener #194	0.00044	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
52663-78-2	PCB Congener #195	0.00026 Ü	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
42740-50-1	PCB Congener #196	0.00030	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
R4 [±] 8000894	PCB Congener #197 and/or 200	0.00051 U	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW 3
R4-8000895	PCB Congener #198 and/or 199	0.0012	ng/m3	0.00051	10/29/12	11/07/12	Contract SOW
40186-71-8.	PCB Congener #201	0.00028	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
2136-99-4	PCB Congener #202	0.00092	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
52663-76-0	PCB Congener #203	0.00066	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
74472-52-9	PCB Congener #204	0.00026 U	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
74472-53-0	PCB Congener #205	0.00026 U	mg/m3	0.00026	10/29/12	11/07/12	Contract SOW
40186-72-9	PCB Congener #206	0.0013	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
52663-79-3	PCB Congener#207	0.00026 U	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
52663-77-1	PCB Congener #208	0.00081	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
2051-24-3	PCB Congener #209	0.0015	ng/m3	0:00026	10/29/12	11/07/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel.

# **PCB Aroclors**

Project: 13-0036, Anniston PCB Air Study

Sample ID: FAA102412

Lab ID: <u>C124401-04</u>

Station ID: **F** 

Matrix: Ambient Air

Date Collected: 10/24/12 10:30

CAS Number	Analyte	Results Qualifiers	( + Units)	MRL	Prepared	Analyzed	Method
25429-29-2	Pentachlorobiphenyl (Total)	0.18	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
R4-8001156	TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 0)	6.4E-5	ng/m3		10/29/12	11/07/12	Contract SOW
R4-8001157	TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 1/2)	9:0E-5	ng/m3		10/29/12	11/07/12	Contract SOW
R4-8001026	TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98)	0.00012	ng/m3		10/29/12	11/07/12	Contract SOW
R4-8001158	TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 0).	2.1E-7	ng/m3		10/29/12	11/07/12	Contract SOW
R4-8001159	TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 1/2)	9.2E-7	ng/m3		10/29/12	11/07/12	Contract SOW
R4-8001027	TEQ (Fish Toxic, Equiv. for PCBs, WHO TEQ-98)	1.6E-6	ng/m3		10/29/12	11/07/12	Contract SOW
R4-8001161	TEQ (Mammal for PCBs WHO TEQ-05) (TEF is RL x 1/2)	1.7E-5	ng/m3		10/29/12	11/07/12	Contract SOW
R4-8001160	TEQ (Mammal for PCBs, WHO TEQ-05) (TEF is RL x 0)	6.1E-7	ng/m3		10/29/12	11/07/12	Contract SOW
R4-8000909	TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05)	3.4E-5	ng/m3		10/29/12	11/07/12	Contract SOW
26914-33-0	Tetrachlorobiphenyl (Total)	0.49	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
1336-36-3	Total PCBs	1.7	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW
25323-68-6	Trichlorobiphenyl (Total)	0.37	ng/m3	0.00026	10/29/12	11/07/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: IAA102312

Station ID: <u>I</u>

Lab ID: C124401-05

Matrix: Ambient Air

Date Collected: 10/23/12 9:40

Date Colle	ected: 10/23/12 9:40						
CAS AND	Analyte	Results Qualiffers	Units	<b>y</b> NRL	Prepared	Analyzed	Method
25512-42-9	Dichlorobiphenyl (Total)	9.0	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
28655-71-2	Heptachlorobiphenyl (Total)	0.036	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
26601-64-9/**	Hexachlorobiphenyl (Total)	0.19	ing/m3	0:0023	10/29/12	11/12/12	Contract SOW=
27323-18-8	Monochlorobiphenyl (Total)	1.3	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
53742-07-7	Nonachlorobiphenyl (Total)	0.0044	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW.
55722-26-4	Octachlorobiphenyl (Total)	0.0058	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
2051-60-7	PCB Congener # 1	$^{\rm rec}$ , which is the $^{\rm rec}$ 1.1.	ng/m3	0.0056	10/29/12	11/12/12	Contract SOW 8
2051-61-8	PCB Congener # 2	0.052	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
2051-62-9	PCB Congener # 3	0.15	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
13029-08-8	PCB Congener # 4	3.2	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW
16605-91-7	PCB Congener # 5	(0.11)	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW
25569-80-6	PCB Congener # 6	0.77	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
33284-50-3	PCB Congener # 7	144 0.19 3 44	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW
34883-43-7	PCB Congener # 8	3.3	ng/m3	0.023	10/29/12	11/12/12	Contract SOW
34883-39-1	PCB Congener #-9	0.32	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
33146-45-1	PCB Congener # 10	0.35	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW
2050-67-1	PCB Congener # 11	0.089	ng/m3	0.056	10/29/12	11/12/12	Contract SOW
R4-8000863	PCB Congener # 12 and/or 13	0.097	ng/m3	0.0090	10/29/12	11/12/12	Contract SOW
34883-41-5	PCB Congener # 14	0.0045 U	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW
2050-68-2	PCB Congener # 15	0.55	ng/m3	0.023	10/29/12	11/12/12	Contract SOW
38444-78-9	PCB Congener # 16	0.85	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW "
37680-66-3	PCB Congener # 17	1,2	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW
R4-8000864	PCB Congener # 18 and/or 30	2.4	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW
38444-73-4	PCB Congener # 19	0.51	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
R4-8000865	PCB Congener # 20 and/or 28	1.4	ng/m3	0.023	10/29/12	11/12/12	Contract SOW
R4-8000866	PCB Congener # 21 and/or 33	0.89	ng/m3	0.0090	10/29/12	11/12/12	Contract SOW
38444-85-8	PCB Congener # 22	0.47	ng/m3.	0.0045	10/29/12	11/12/12	Contract SOW
55720-44-0	PCB Congener # 23·	0.0029	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: <u>IAA102312</u>

Station ID: <u>I</u>

Lab ID: <u>C124401-05</u>

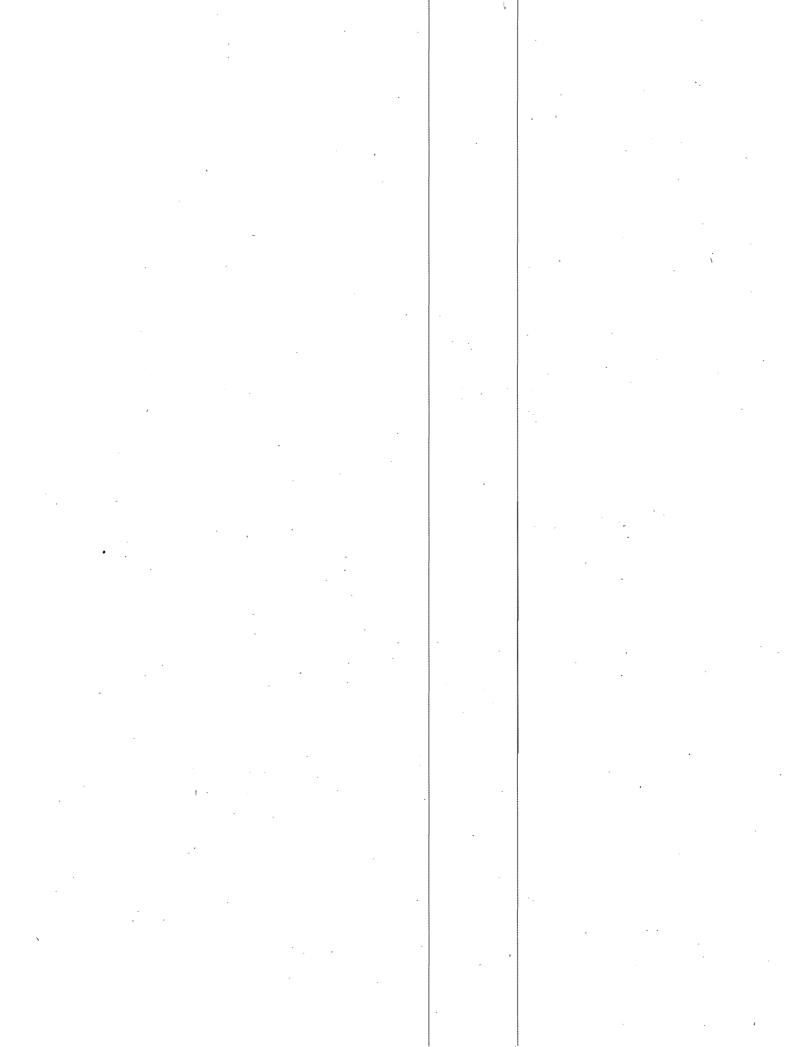
Matrix: Ambient Air

Date Collected: 10/23/12 9:40

55702-45-9 PCB Congener # 24 0.054 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 55712-37-3 PCB Congener # 25 0.11 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 74-8000867 PCB Congener # 26 and/or 29 0.28 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 16606-02-3 PCB Congener # 27 0.21 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 16606-02-3 PCB Congener # 32 0.57 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 37680-68-5 PCB Congener # 34 0.0064 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 37680-68-5 PCB Congener # 34 0.0064 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 37680-69-6 PCB Congener # 35 0.010 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 37680-69-6 PCB Congener # 37 0.016 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 37680-69-6 PCB Congener # 37 0.16 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 38444-90-5 PCB Congener # 38 0.0023-10 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 37680-69-6 PCB Congener # 39 0.0045 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 37680-69-1 PCB Congener # 39 0.0045 U ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 38444-88-1 PCB Congener # 39 0.0045 U ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 37680-39-9 PCB Congener # 41 0.092 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 37680-39-9 PCB Congener # 41 0.092 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 37680-39-9 PCB Congener # 42 0.015 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 37680-39-9 PCB Congener # 43 0.043 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 37680-39-9 PCB Congener # 43 0.043 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 37680-39-9 PCB Congener # 44 0.006 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 37680-39-9 PCB Congener # 45 and/or 51 0.26 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 37680-0-5 PCB Congener # 48 0.19 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 37680-0-5 PCB Congener # 48 0.19 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 37680-0-5 PCB Congener # 48 0.19 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 37680-0-5 PCB Congener # 48 0.19 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 37680-0-5 PCB Congener # 48 0.19 ng/m3 0.0023 10/2	ĈÁS Number	Analyté (* )	Results Qualifiers	Unios	MRL	Prepared	Analyzed .	Method .
### R4-800867. PCB Congener # 26 and/or 29. 0.28 no/m3 0.0045 10/29/12 11/12/12 Contract SOW 16606-02:3 PCB Congener # 27 0.21 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 16606-02:3 PCB Congener # 31; n 1.4 ng/m3 0.011 10/29/12 11/12/12 Contract SOW 138444-77-8 PCB Congener # 32 0.57 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 13680-68-5 PCB Congener # 34 0.0064 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 13680-68-5 PCB Congener # 35 0.010 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 138444-87-0 PCB Congener # 37 0.16 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 138444-87-0 PCB Congener # 37 0.16 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 138444-88-1 PCB Congener # 39 0.0045 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 138444-88-1 PCB Congener # 39 0.0045 U ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 138444-88-1 PCB Congener # 40 and/or 71 0.24 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 136559-29 PCB Congener # 41 0.092 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 136559-29 PCB Congener # 43 0.043 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 136559-29 PCB Congener # 43 0.043 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 136559-29 PCB Congener # 43 0.043 ng/m3 0.00045 10/29/12 11/12/12 Contract SOW 13659-22-5 PCB Congener # 43 0.043 ng/m3 0.00045 10/29/12 11/12/12 Contract SOW 14/464-47-5 PCB Congener # 44 and/or 47.65 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 14/464-47-5 PCB Congener # 48 0.043 ng/m3 0.00045 10/29/12 11/12/12 Contract SOW 14/464-47-5 PCB Congener # 48 0.040 ng/m3 0.00045 10/29/12 11/12/12 Contract SOW 14/464-47-5 PCB Congener # 49 and/or 53 0.17 ng/m3 0.00045 10/29/12 11/12/12 Contract SOW 14/464-47-5 PCB Congener # 49 and/or 53 0.17 ng/m3 0.00023 10/29/12 11/12/12 Contract SOW 14/464-47-5 PCB Congener # 48 0.19 ng/m3 0.00023 10/29/12 11/12/12 Contract SOW 14/464-47-5 PCB Congener # 48 0.19 ng/m3 0.00023 10/29/12 11/12/12 Contract SOW 14/464-47-5 PCB Congener # 49 and/or 53 0.17 ng/m3 0.00023 10/29/12 11/12/12 Contract SOW 14/464-47-5 PCB Congener # 50 and/or 53 0.17 ng/m3 0.00023 10/29/12 11/12	55702-45-9	PCB Congener # 24	0.054	- ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
38444-76-7         PCB Congener # 27         0.21         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           16606-02-3         PCB Congener # 31         1.4         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           38444-77-8         PCB Congener # 32         0.57         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           37680-68-5         PCB Congener # 34         0.0064         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           38444-87-0         PCB Congener # 35         0.010         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           38444-87-0         PCB Congener # 37         0.16         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           38444-88-1         PCB Congener # 39         0.0045 U         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           84-8001051         PCB Congener # 40 and/or 71         0.24         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           36559-22-5         PCB Congener # 43         0.15         ng/m3         0.0045         10/29/12 <td>55712-37-3</td> <td>PCB Congener # 25</td> <td>0.11</td> <td>ng/m3</td> <td>0.0023</td> <td>10/29/12</td> <td>11/12/12</td> <td>Contract SOW</td>	55712-37-3	PCB Congener # 25	0.11	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
16666-0243   PCB Congener # 31	- R4-8000867	PCB Congener # 26 and/or 29	0.28	ng/m3	0.0045	10/29/12	11/12/12 - (	Contract SOW
38444-77-8         PCB Congener # 32         0.57         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           37680-68-5         PCB Congener # 34         0.0064         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           37680-69-6         PCB Congener # 35         0.010         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           18444-87-0         PCB Congener # 37         0.16         ng/m3         0.023         10/29/12         11/12/12         Contract SOW           35555/66-1         PCB Congener # 38         0.0022 U         rg/m3         0.0045         10/29/12         11/12/12         Contract SOW           38444-88-1         PCB Congener # 40 and/or 71         0.24         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           \$2663-59-9         PCB Congener # 41         0.092         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           36559-22-5         PCB Congener # 43         0.043         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           R48000870         PCB Congener # 45         0.04         ng/m3         0.0045         10/29/12 </td <td>38444-76-7</td> <td>PCB Congener # 27</td> <td>0.21</td> <td>ng/m3</td> <td>0.0023</td> <td>10/29/12</td> <td>11/12/12</td> <td>Contract SOW</td>	38444-76-7	PCB Congener # 27	0.21	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
37680-68-5         PCB Congener #34         0.0064         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           37680-69-6         PCB Congener #35         0.010         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           38444-87-0         PCB Congener #36         0.0045 U         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           38444-90-5         PCB Congener #37         0.16         ng/m3         0.023         10/29/12         11/12/12         Contract SOW           38444-88-1         PCB Congener #38         0.0045 U         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           R4-8001051         PCB Congener #39         0.0045 U         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           82663-59-9         PCB Congener #41         0.092         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           36559-22-5         PCB Congener #42         0.15         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           R4-8000869         PCB Congener #44         0.04         ng/m3         0.0045         10/29/12	16606-02-3	PCB Congener #31	1.4	ng/m3	0.011	10/29/12	11/12/12	Contract SOW
37680-69-6 PCB Congener # 35 0.010 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 38444-87-9 PCB Congener # 37 0.16 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 38444-90-5 PCB Congener # 37 0.16 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 33555566-1 PCB Congener # 38 0.0022.U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 38444-88-1 PCB Congener # 39 0.0045 U ng/m3 0.0045 10/29/12 11/12/12 Contract SOW R4-8001051 PCB Congener # 40 and/or 71 0.24 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 36559-29 PCB Congener # 41 0.092 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 36559-22-5 PCB Congener # 42 0.15 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW R4-8000869 PCB Congener # 43 0.043 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW R4-8000869 PCB Congener # 45 and/or 51 0.26 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 41464-47-5 PCB Congener # 45 and/or 51 0.26 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW R4-8000870 PCB Congener # 48 nd/or 51 0.26 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW R4-8000870 PCB Congener # 48 nd/or 51 0.26 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW R4-8000870 PCB Congener # 48 nd/or 51 0.26 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW R4-8000870 PCB Congener # 48 nd/or 51 0.29 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW R4-8000871 PCB Congener # 49 and/or 53 0.17 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW R4-8000871 PCB Congener # 49 and/or 53 0.17 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW R4-8000872 PCB Congener # 50 and/or 53 0.17 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 15968-05-5 PCB Congener # 54 0.0059 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 74338-24-2 PCB Congener # 54 0.0059 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 74338-24-2 PCB Congener # 55 0.0076 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 74338-24-2 PCB Congener # 55 0.0076 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 74338-24-2 PCB Congener # 55 0.0076 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 74338-24-2 PCB Congener # 55 0.0076 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 74338-24-2 PCB Congener # 55 0.0076 ng/m3 0.0023 10/29/12	38444-77-8	PCB Congener # 32	0.57	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
3844-87-0         PCB Congener # 36         0.0045 U         ng/m3         0.0045 10/2912 11/12/12 Contract SOW           3844-90-5         PCB Congener # 37         0.16         ng/m3         0.023 10/2912 11/12/12 Contract SOW           53555:66-1         PCB Congener # 38         0.0022 U         ng/m3         0.0045 10/29/12 11/12/12 Contract SOW           3844-88-1         PCB Congener # 39         0.0045 U         ng/m3         0.0045 10/29/12 11/12/12 Contract SOW           R4-8001051         PCB Congener # 49 and/or 71         0.24         ng/m3         0.0045 10/29/12 11/12/12 Contract SOW           2663-59-9         PCB Congener # 41         0.092         ng/m3         0.0023 10/29/12 11/12/12 Contract SOW           36559-22-5         PCB Congener # 42         0.15         ng/m3         0.0023 10/29/12 11/12/12 Contract SOW           70362-46-8         PCB Congener # 43         0.043         ng/m3         0.0045 10/29/12 11/12/12 Contract SOW           R4-8000870         PCB Congener # 45 and/or 57         0.62         ng/m3         0.0045 10/29/12 11/12/12 Contract SOW           R4-8000870         PCB Congener # 45 and/or 51         0.26         ng/m3         0.0045 10/29/12 11/12/12 Contract SOW           R4-8000871         PCB Congener # 48         0.19         ng/m3         0.0045 10/29/12 11/12/12 Contract SOW      <	37680-68-5	PCB Congener # 34	0.0064	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
38444-90-5 PCB Congener # 37 0.16 ng/m3 0.023 10/29/12 11/12/12 Contract SOW 53555-66-1 PCB Congener #.38 0.0022_U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 38444-88-1 PCB Congener # 39 0.0045 U ng/m3 0.0045 10/29/12 11/12/12 Contract SOW R4-8001051 PCB Congener # 40 and/or 71 0.24 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 52663-59-9 PCB Congener # 41 0.092 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 36559-22-5 PCB Congener # 42 0.15 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 70362-46-8 PCB Congener # 43 0.043 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW R4-8000869 PCB Congener # 44 and/or 47.65 0.62 ng/m3 0.0068 10/29/12 11/12/12 Contract SOW R4-8000870 PCB Congener # 45 and/or 51 0.26 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 41464-47-5 PCB Congener # 48 0.19 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW R4-8000871 PCB Congener # 48 0.19 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW R4-8000871 PCB Congener # 49 and/or 69 0.39 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW R4-8000872 PCB Congener # 50 and/or 53 0.17 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW R4-8000872 PCB Congener # 50 and/or 53 0.17 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW R4-8000872 PCB Congener # 50 and/or 53 0.17 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW R4-8000872 PCB Congener # 50 and/or 53 0.72 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 15968-05-5 PCB Congener # 54 0.0059 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 74338-24 2 PCB Congener # 55 0/0076 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 74338-24 2 PCB Congener # 55 0/0076 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 74338-24 2 PCB Congener # 55 0/0076 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 74338-24 2 PCB Congener # 55 0/0076 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 74338-24 2 PCB Congener # 55 0/0076 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 74338-24 2 PCB Congener # 55 0/0076 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 74338-24 2 PCB Congener # 55 0/0076 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 74338-24 2 PCB Congener # 55 0/0076 ng/m3 0.0023 10/29/12 11/12/1	37680-69-6	PCB Congener # 35	0.010	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW
\$3555-66-1 PCB Congener # 38	38444-87-0	PCB Congener # 36	0.0045 U	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW
38444-88-1         PCB Congener # 39         0.0045 U         ng/m3         0.0045 10/29/12 11/12/12 Contract SOW           R4-8001051         PCB Congener # 40 and/or 71         0.24         ng/m3         0.0045 10/29/12 11/12/12 Contract SOW           52663-59-9         PCB Congener # 41         0.092         ng/m3         0.0023 10/29/12 11/12/12 Contract SOW           36559-22-5         PCB Congener # 42         0.15         ng/m3         0.0023 10/29/12 11/12/12 Contract SOW           70362-46-8         PCB Congener # 43         0.043         ng/m3         0.0045 10/29/12 11/12/12 Contract SOW           R4/8000869         PCB Congener # 45 and/or 51         0.62         ng/m3         0.0045 10/29/12 11/12/12 Contract SOW           R4/8000870         PCB Congener # 45 and/or 51         0.26         ng/m3         0.0045 10/29/12 11/12/12 Contract SOW           41/464-47-5         PCB Congener # 48         0.19         ng/m3         0.0023 10/29/12 11/12/12 Contract SOW           R4-8000871         PCB Congener # 49 and/or 69         0.39         ng/m3         0.0045 10/29/12 11/12/12 Contract SOW           R4-8000872         PCB Congener # 50 and/or 53         0.17         ng/m3         0.0045 10/29/12 11/12/12 Contract SOW           35693-99 3         PCB Congener # 50 and/or 53         0.17         ng/m3         0.0023 10/29/12 11/12/12 Con	38444-90-5	PCB Congener # 37	0.16	ng/m3	0.023	10/29/12	11/12/12	Contract SOW
R4-8001051         PCB Congener # 40 and/or 71         0.24         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           52663-59-9         PCB Congener # 41         0.092         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           36559-22-5         PCB Congener # 42         0.15         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           70362-46-8         PCB Congener # 43         0.043         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           R4-8000869         PCB Congener # 44-and/or 47.65         0.62         ng/m3         0.0068         10/29/12         11/12/12         Contract SOW           R4-8000870         PCB Congener # 45 and/or 51         0.26         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           41464-47-5         PCB Congener # 48         0.19         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           R4-8000871         PCB Congener # 49 and/or 69         0.39         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           R4-8000872         PCB Congener # 50 and/or 53         0.17         ng/m3	53555-66-1	PCB Congener#38	0.0022.Ú	∟ng/m3	0.0023	10/29/12	11/12/12 - 0	Contract SOW
52663-59-9         PCB Congener # 41         0.092         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           36559-22-5         PCB Congener # 42         0.15         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           70362-46-8         PCB Congener # 43         0.043         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           R4-8000869         PCB Congener # 44 and/or 47,65         0.62         ng/m3         0.0068         10/29/12         11/12/12         Contract SOW           R4-8000870         PCB Congener # 45 and/or 51         0.26         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           41464-47-5         PCB Congener # 46         0.076         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           R4-8000871         PCB Congener # 49 and/or 69         0.39         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           R4-8000872         PCB Congener # 50 and/or 53         0.17         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           15968-05-5         PCB Congener # 54         0.0059         ng/m3         0.0	38444-88-1	PCB Congener # 39	0.0045 U	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW
36559-22-5         PCB Congener # 42         0.15         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           70362-46-8         PCB Congener # 43         0.043         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           R4/8000869         PCB Congener # 44 and/or 47,65         0.62         ng/m3         0.0068         10/29/12         11/12/12         Contract SOW           R4/8000870         PCB Congener # 45 and/or 51         0.26         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           41464-47-5         PCB Congener # 46         0.076         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           70362-47-9         PCB Congener # 49 and/or 69         0.39         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           R4-8000871         PCB Congener # 50 and/or 53         0.17         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           35693-99-3         PCB Congener # 52         0.72         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           15968-05-5         PCB Congener # 55         0.0059         ng/m3         0.00	R4-8001051	PCB Congener # 40 and/or 71	0.24	ng/m3	0.0045	10/29/12	11/12/12: 0	Contract SOW
70362-46-8         PCB Congener # 43         0.043         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           R4-8000869         PCB Congener # 44 and/or 47.65         0.62         ng/m3         0.0068         10/29/12         11/12/12         Contract SOW           R4-8000870         PCB Congener # 45 and/or 51         0.26         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           41464-47-5         PCB Congener # 46         0.076         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           70362-47-9         PCB Congener # 48         0.19         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           R4-8000871         PCB Congener # 49 and/or 69         0.39         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           R4-8000872         PCB Congener # 50 and/or 53         0.17         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           15968-05-5         PCB Congener # 54         0.0059         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           74338-24-2         PCB Congener # 55         0.0076         ng/m3         0.	52663-59-9	PCB Congener # 41	0.092	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
R4-8000869 PCB Congener # 44 and/or 47.65	36559- <b>22</b> -5	PCB Congener #,42	0.15	ng/m3	0.0023	10/29/12-	11/12/12	Contract SOW
R4-8000870         PCB Congener # 45 and/or 51         0.26         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           41464-47-5         PCB Congener # 46         0.076         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           70362-47-9         PCB Congener # 48         0.19         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           R4-8000871         PCB Congener # 49 and/or 69         0.39         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           R4-8000872         PCB Congener # 50 and/or 53         0.17         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           35693-99-3         PCB Congener # 52         0.72         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           15968-05-5         PCB Congener # 54         0.0059         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           74338-24-2         PCB Congener # 55         0/0076         ng/m3         0/0023         10/29/12         11/12/12         Contract SOW	70362-46-8	PCB Congener # 43	0.043	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW
41464-47-5 PCB Congener # 46 0.076 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 70362-47-9 PCB Congener # 48 0.19 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW R4-8000871 PCB Congener # 49 and/or 69 0.39 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW R4-8000872 PCB Congener # 50 and/or 53 0.17 ng/m3 0.0045 10/29/12 11/12/12 Contract SOW 35693-99-3 PCB Congener # 52 0.72 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 15968-05-5 PCB Congener # 54 0.0059 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 74338-24-2 PCB Congener # 55 01:0076 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 74338-24-2 PCB Congener # 55 01:0076 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW	R4-8000869	PCB Congener # 44 and/or 47,65	0.62	.ng/m3	0.0068	10/29/12	11/12/12	Contract SOW
70362-47-9         PCB Congener # 48         0.19         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           R4-8000871         PCB Congener # 49 and/or 69         0.39         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           R4-8000872         PCB Congener # 50 and/or 53         0.17         ng/m3         0.0045         10/29/12         11/12/12         Contract SOW           35693-99-3         PCB Congener # 52         0.72         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           15968-05-5         PCB Congener # 54         0.0059         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           74338-24-2         PCB Congener # 55         0.0076         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW	R4-8000870	PCB Congener # 45 and/or 51	0.26	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW
R4-8000871       PCB Congener # 49 and/or 69       0.39       ng/m3       0.0045       10/29/12       11/12/12       Contract SOW         R4-8000872       PCB Congener # 50 and/or 53       0.17       ng/m3       0.0045       10/29/12       11/12/12       Contract SOW         35693-99-3       PCB Congener # 52       0.72       ng/m3       0.0023       10/29/12       11/12/12       Contract SOW         15968-05-5       PCB Congener # 54       0.0059       ng/m3       0.0023       10/29/12       11/12/12       Contract SOW         74338-24-2       PCB Congener # 55       0.0076       ng/m3       0.0023       10/29/12       11/12/12       Contract SOW	41464-47-5	PCB Congener # 46	0.076	□ ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
R4-8000872       PCB Congener # 50 and/or 53       0.17       ng/m3       0.0045       10/29/12       11/12/12       Contract SOW         35693-99-3       PCB Congener #:52       0.72       ng/m3       0:0023       10/29/12       11/12/12       Contract SOW         15968-05-5       PCB Congener #:54       0.0059       ng/m3       0.0023       10/29/12       11/12/12       Contract SOW         74338-24-2       PCB Congener #:55       0:0076       ng/m3       0:0023       10/29/12       11/12/12       Contract SOW	70362-47-9	PCB Congener # 48	0.19	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
35693-99-3       PCB Congener #:52       0.72       ng/m3       0.0023       10/29/12       11/12/12       Contract SOW         15968-05-5       PCB Congener #:54       0.0059       ng/m3       0.0023       10/29/12       11/12/12       Contract SOW         74338-24-2       PCB Congener #:55       0.0076       ng/m3       0.0023       10/29/12       11/12/12       Contract SOW	R4-8000871	PCB Congener # 49 and/or 69	0.39	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW
15968-05-5 PCB Congener # 54 0.0059 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 74338-24-2 PCB Congener # 55 0/0076 ng/m3 0/0023 10/29/12 11/12/12 Contract SOW	R4-8000872	PCB Congener # 50 and/or 53	0.17	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW
74338-24-2 PCB Congener # 55 0.0076 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW	35693-99-3	PCB Congener # 52	$\sim$ 10.72 $_{\odot}$ . The constant $\sim$	* ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
	15968-05-5	PCB Congener # 54	0.0059	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
414(4.42.1 PCP Company # 56	74338-24-2	PCB Congener # 55	0.0076	ing/m3	0.0023	10/29/12	11/12/12	Contract SOW
41404-43-1 PCD Congener # 30 U.U81 ng/m3 U.UU45 10/29/12 11/12/12 Contract SOW	41464-43-1	PCB Congener # 56	0.081	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW
70424-67-8 PCB Congener # 57 0.0022 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW	70424-67-8	PCB Congener # 57	0.0022 ປ່າ	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
41464-49-7 PCB Congener # 58 0.0022 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW	41464-49-7	PCB Congener # 58	0.0022 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
R4-8000873 PCB Congener #/59 and/or 62,75 0.064 ng/m3 0.0068 10/29/12 11/12/12 Contract SOW	R4-8000873	PCB Congener #/59 and/or 62,75	0.064	ng/m3	0.0068	10/29/12	11/12/12 = 0	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

### **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: <u>IAA102312</u>

Station ID: I

Lab ID: <u>C124401-05</u>

Matrix: Ambient Air

Date Collected: 10/23/12 9:40

Date Colle	ected: 10/23/12 9:40	2.48					
CAS Number	Analyte	Results Qualifiers	Units (	MRL	Prepared	Analyzed	Method
33025-41-1	PCB Congener # 60	0.050	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW
R4-8000874	PCB Congener # 61 and/or 70,74,76	0.36	ng/m3	0.0090	10/29/12	11/12/12	Contract SOW
74472-34-7	PCB Congener # 63	0.0098	ng/m3_	0.0056	10/2 <del>9</del> /12	11/12/12	Contract SOW
52663-58-8	PCB Congener # 64	0.23	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
32598-10-0	PCB Congener # 66	0.18	ng/m3	0.0056	10/29/12	11/12/12	Contract SOW
73575-53-8	PCB Congener # 67	0.0096	ng/m3	0.0023	10/29/12	11/12/12.	Contract SOW
73575-52-7	PCB Congener # 68	0.0041	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
41464-42-0	PCB Congener # 72	0.0045 U	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW
74338-23-1	PCB Congener # 73	0.031	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
32598-13-3	PCB Congener # 77	0.011	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
70362-49-1	PCB Congener # 78	0.0022 U = 1	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
41464-48-6	PCB Congener # 79	0.0045 U	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW
33284-52-5	PCB Congener # 80	0.0045 U	ng/m3:	0.0045	10/29/12	11/12/12	Contract SOW
70362-50-4	PCB Congener # 81	0.0022 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
52663-62-4	PCB Congener # 82	0.013	ng/m3	0.0056	10/29/12	11/12/12	Contract SOW
60145-20-2	PCB Congener # 83	0.0059	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
52663-60-2	PCB Congener # 84	0.035	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
R4-8000876	PCB Congener # 85 and/or 116,117	0.018	ng/m3	0.0068	10/29/12	11/12/12	Contract SOW
E52450707	PCB Congener # 86 and/or	0.066	ng/m3	0.014	10/29/12	11/12/12	Contract SOW
D4 0000070	87,97,109,119,125	0.022	42	0.0045			i i i i i i i i i i i i i i i i i i i
R4-8000878	PCB Congener # 88 and/or 91	0.023	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW
73575-57-2	PCB Congener #89	0.0027	ng/m3	0.0023			Contract SOW
R4-8000879	PCB Congener # 90 and/or 101,113	0.096	ng/m3	0.0068	10/29/12	11/12/12	Contract SOW
52663-61-3	PCB Congener # 92	0.017	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
R4-8001052	PCB Congener # 93 and/or 100	0.0045 U	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW
73575-55-0	PCB Congener # 94	0.0022 U	ng/m3	0.0023	10/29/12	12	Contract SOW
38379-99-6	PCB Congener # 95	0.12	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW
73575-54-9	PCB Congener # 96	0.0642	ng/m3	A STANDARD STANDARD	10/29/12	11/12/12	Contract SOW
R4-8001056	PCB Congener # 98 and/or 102	0.0076	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: <u>IAA102312</u>

Station ID: <u>I</u>

Lab ID: C124401-05

Matrix: Ambient Air

Date Collected: 10/23/12 9:40

C4S							
Number	Analyte	Results Qualifiers	Units	MRL Pr	epared	Analyzed	Method
38380-01-7	PCB Congener # 99	0.038	ng/m3	0.0023 10	)/29/12	11/12/12	Contract SOW
60145-21-3	PCB Congener #103	0.0056 U	ng/m3	0.0056 10	)/29/12	11/12/12	Contract SOW
56558-16-8	PCB Congener #104	0.0022 U	ng/m3	0.0023 10	)/29/12	11/12/12	Contract SOW
32598-14-4	PCB Congener #105	0.030	ng/m3	0.0023 10	)/29/12	11/12/12	Contract SOW
70424-69-0	PCB Congener #106	0:0022 U	ng/m3	0:0023 10	)/29/12	11/12/12	Contract SOW
70424-68-9	PCB Congener #107	0.0045 U	ng/m3	0.0045 10	)/29/12	11/12/12	Contract SOW
R4-8001053	PCB Congener #108 and/or 124	0.0045 U	ng/m3	0.0045 10	0/29/12	11/12/12	Contract SOW
R4-8000882	PCB Congener #110 and/or 115	0.082	ng/m3	0.0045 10	)/29/12	11/12/12	Contract SOW
39635-32-0	PCB Congener #111	0.0022 ⊔	ng/m3	0.0023 10	0/29/12	11/12/12	Contract SOW
74472-36-9	PCB Congener #112	0.0022 U	ng/m3	0.0023 10	0/29/12	11/12/12	Contract SOW
74472-37-0	PCB Congener #114	0.0022 U	ng/m3	0.0023 10	0/29/12	11/12/12	Contract SOW
31508-00-6	PCB Congener #118	0.064	ng/m3	0.0045 10	0/29/12	11/12/12	Contract SOW
68194-12-7_	PCB Congener #120	0.0022 U	ng/m3	0.0023 10	)/29/12	11/12/12	Contract SOW
56558-18-0	PCB Congener #121	0.0022 U	ng/m3	0.0023 10	0/29/12	11/12/12	Contract SOW
76842-07-4	PCB Congener #122	0.0022 U	ng/m3	0.0023 10	0/29/12	11/12/12	Contract SOW
65510-44-3	PCB Congener #123	0.0022 U	ng/m3	0.0023 10	0/29/12	11/12/12	Contract SOW
57465-28-8	PCB Congener #126	0.0022 U	ng/m3	0.0023 10	)/29/12	11/12/12	Contract SOW
39635-33-1	PCB Congener #127	0,0022 U	ng/m3	0.0023 10	0/29/12	11/12/12	Contract SOW
R4-8000883	PCB Congener #128 and/or 166	0.0070	ng/m3	0.0045 10	0/29/12	11/12/12	Contract SOW
R4-8001054	PCB Congener #129 and/or 138,163	0.044	ng/m3	0.0068 10	0/29/12	11/12/12	Contract SOW
52663-66-8	PCB Congener #130	0.0029	ng/m3	0:0023 10	0/29/12	11/12/12	Contract SOW
61798-70-7	PCB Congener #131	0.0022 U	ng/m3	0.0023 10	0/29/12	11/12/12	Contract SOW
38380-05-1	PCB Congener #132:	0.016	ng/m3	0.0023 10	0/29/12	11/12/12	Contract SOW
35694-04-3	PCB Congener #133	0.0022 U	ng/m3	0.0023 10	0/29/12	11/12/12	Contract SOW
52704-70-8	PCB Congener #134	0.0031	ng/m3	0.0023 10	0/29/12	11/12/12	Contract SO₩.
R4-8001055	PCB Congener #135 and/or 151	0.015	ng/m3	0.0045 10	0/29/12	11/12/12	Contract SOW
38411-22-2	PCB Congener #136	0.0073	ng/m3	0.0023 10	0/29/12	11/12/12	Contract SOW
35694-06-5	PCB Congener #137	0.0028	ng/m3	0.0023 10	0/29/12	11/12/12	Contract SOW
R4-8000887	PCB Congener #139 and/or 140	0.0045 U	ng/m3	0.0045 10	0/29/12	11/12/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: <u>IAA102312</u>

Station ID: <u>I</u>

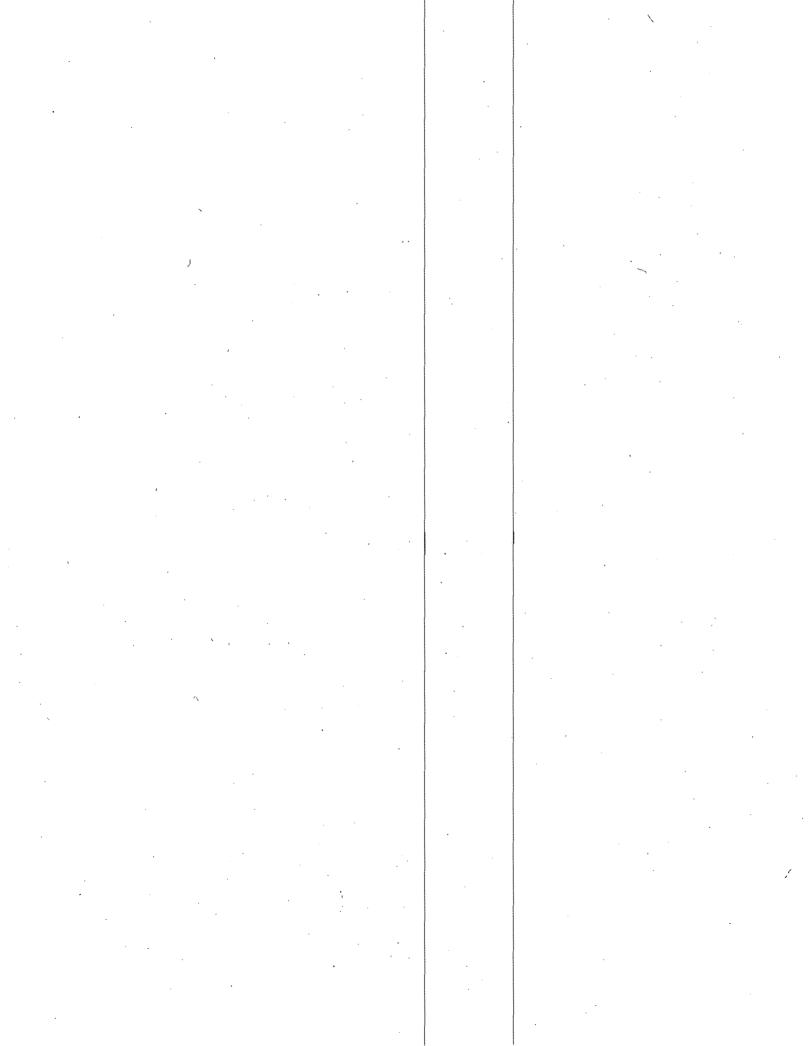
Lab ID: C124401-05

Matrix: Ambient Air

Date Collected: 10/23/12 9:40

Date Com	ecced: 10/25/12 9:40	4.7			
Number =	Analyie - 34	Results Qualifiers + +	Units	MRL Prepared	Analyzed's Method (4)
52712-04-6	PCB Congener #141	0.0076	ng/m3	0.0045 10/29/12	11/12/12 Contract SOW
41411-61-4	PCB Congener #142	0.0022 U	ng/m3	0.0023 10/29/12	11/12/12 Contract SOW
68194-15-0	PCB Congener #143	0:0022 U	ng/m3	0.0023 10/29/12	411/12/12 © Contract SOW
68194-14-9	PCB Congener #144	0.0026	ng/m3	0.0023 10/29/12	11/12/12 Contract SOW
74472-40-5	PCB Congener #145	0:0022 U	ng/m3	0.0023 10/29/12	11/12/12 Contract SOW
51908-16-8	PCB Congener #146	0.0053	ng/m3	0.0023 10/29/12	11/12/12 Contract SOW
R4-8000888	PCB Congener #147, and/or 149	0.034.	ng/m3	0.0090 - 10/29/12	11/12/12 Contract SOW:
74472-41-6	PCB Congener #148	0.0022 U	ng/m3	0.0023 10/29/12	11/12/12 Contract SOW
68194-08-1	PCB Congener #150	0.0022 U	ng/m3	0.0023 10/29/12	11/12/12 Contract SOW
68194-09-2	PCB Congener #152	0.0022 U	ng/m3	0.0023 10/29/12	11/12/12 Contract SOW
R4-8000889	PCB Congener #153 and/or 168	0.032	ng/m3	0.0090 10/29/12	11/12/12 Contract SOW
60145-22-4	PCB Congener #154	0.0022 U	ng/m3	0.0023 10/29/12	11/12/12 Contract SOW
33979-03-2	PCB Congener #155	0.0022 U	ng/m3	0.0023 10/29/12	711/12/12 Contract SOW
R4-8000890	PCB Congener #156 and/or 157	0.0065	ng/m3	0.0045 10/29/12	11/12/12 Contract SOW
74472-42-7	PCB Congener #1587.	0.0050	ng/m3	0.0023 10/29/12	11/12/12 Contract SOW
39635-35-3	PCB Congener #159	0.0022 U	ng/m3	0.0023 10/29/12	11/12/12 Contract SOW
41411-62-5	PCB Congener #160	0.0022 U	ng/m3		11/12/12 . Contract SOW
74472-43-8	PCB Congener #161	0.0022 U	ńg/m3	0.0023 10/29/12	11/12/12 Contract SOW
39635-34-2	PCB Congener #162	0.0022 U	ng/m3	0.0023 10/29/12	11/12/12 Contract SOW
74472-45-0	PCB Congener #164	0.0026	ng/m3	0.0023 10/29/12	11/12/12 Contract SOW
74472-46-1	PCB Congener #165	0.0022 U	ng/m3'	0.0023 10/29/12	11/12/12 Contract SOW
52663-72-6	PCB Congener #167	0.0022 U	ng/m3	0.0023 10/29/12	11/12/12 Contract SOW
32774-16-6	PCB Congener #169	0.0022 1.	⊭ng/m3		11/12/12 Contract SOW
35065-30-6	PCB Congener #170	0.0054	ng/m3	0.0023 10/29/12	11/12/12 Contract SOW
R4-8000891	i de la companya de	0.0045 U	ng/m3	- L	11/12/12 ( Contract SOW )
52663-74-8	PCB Congener #172	0.0022 U	ng/m3	0.0023 10/29/12	11/12/12 Contract SOW
38411-25-5	PCB Congener #174	0.0058	ng/m3	0.0023 10/29/12	11/12/12 Contract/SOW.
40186-70-7	PCB Congener #175	0.0022 U	ng/m3	0.0023 10/29/12	11/12/12 Contract SOW
52663-65-7	PCB Congener #176	0.0022 U	ng/m3	0.0023 10/29/12	11/12/12 Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: <u>IAA102312</u>

Station ID: I

Lab ID: C124401-05

Matrix: Ambient Air

Date Collected: 10/23/12 9:40

52663-67-9	Anulite :: F	Results Qualifiers  0.0031  0.0022 U	Unus ng/m3		Prepared	Analyzed	Method &
52663-67-9	PCB Congener #178		ng/m3	A 50000 Y	ergreen in quality and applicate	200000000000000000000000000000000000000	A CANADA CONTRACTOR OF THE CANADA CONTRACTOR O
Larred with March 1990 March 1990 Annual Printers		0.0022 U		0.0023	10/29/12	11/12/12	Contract SOW
52663-64-6	PCB Congener #179		ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
		0.0033	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
R4-8000892	PCB Congener #180 and/or 193	0.011	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW
74472-47-2	PCB Congener #181	0.0022 U	ng/m3.//	0.0023	10/29/12	11/12/12	Contract SOW
60145-23-5	PCB Congener #182	0.0022 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
R4-8000893	PCB Congener #183 and/or 185	0.0045 U +	ng/m3.5	0.0045	10/29/12	11/12/12	Contract SOW
74472-48-3	PCB Congener #184	0.0022 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
74472-49-4	PCB Congener #186	0.0022 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
52663-68-0	PCB Congener #187	0.0073	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
74487-85-7	PCB Congener #188	0.0022 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
39635-31-9	PCB Congener #189	0.0022 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
41411-64-7	PCB Congener #190	0.0022.0	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
74472-50-7	PCB Congener #191	0.0022 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
74472-51-8	PCB Congener #192	0.0022 U 👙	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
35694-08-7	PCB Congener #194	0.0030	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
52663-78-2	PCB Congener #195	0:0022 ∪	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
42740-50-1	PCB Congener #196	0.0022 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
R4-8000894	PCB Congener #197/and/or 200	0.0045 U #	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW
R4-8000895	PCB Congener #198 and/or 199	0.0045 U	ng/m3	0.0045	10/29/12	11/12/12	Contract SOW
40186-71-8	PCB'Congener #201	0:0022 U	ng/m3	0:0023	10/29/12	11/12/12	Contract SOW
2136-99-4	PCB Congener #202	0.0022 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
52663-76-0	PCB Congener #203	0:0028	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
74472-52-9	PCB Congener #204	0.0022 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
74472-53-0	PCB Congener #205	0.0022 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
40186-72-9	PCB Congener #206	0.0044	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
52663-79-3	PCB-Congener #207	:0:00221U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
52663-77-1	PCB Congener #208	0.0022 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
2051-24-3	PCB Congener #209	0.0028	ng/m3	0:0023	10/29/12	11/12/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: <u>IAA102312</u>

Station ID: I

Lab ID: <u>C124401-05</u>

Matrix: Ambient Air

Date Collected: 10/23/12 9:40

Dute Colle	c(cu, 10/25/12 7.40				and the second second	
CAS Numbër	Analyte 2005	Results Qualifiers	Units	MRL Prepared	Analyzed (	Aethod:
25429-29-2	Pentachlorobiphenyl (Total)	0.62	rri y ng/m3 ·	10/29/12	11/12/12	Contract SOW
R4-8001156	TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 0)	0.00057	ng/m3	10/29/12	11/12/12	Contract SOW
R4-8001157	TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 1/2)	0.00080	(ng/m3	± 10/29/12 s	11/12/12 C	ontract SOW
R4-8001026	TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98)	0.0010	ng/m3	10/29/12	11/12/12 C	Contract SOW
R4-8001158	TEO (Fish for PCBs, WHO TEQ-98) (TEF is RL x 0)	1,6E-6	ng/m3	10/29/12	11/12/12	Contract SOW
R4-8001159	TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 1/2)	7.9E-6	ng/m3	10/29/12	11/12/12	Contract SOW
R4-8001027	TEQ (Fish Toxic: Equiv for PCBs, WHO TEQ-98)	R4E-5	ng/m3	10/29/12	11/12/12 0	Contract SOW (1.4)
R4-8001161	TEQ (Mammal for PCBs WHO TEQ-05) (TEF is RL x 1/2)	0.00015	ng/m3	10/29/12	11/12/12	Contract SOW
R4-8001160	TEQ (Mammal for PCBs, WHO TEQ-05) (TEF is RL x 0)	4.2E-6	ng/m3	10/29/12	11/12/12	ontract SOW
R4-8000909	TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05)	0.00030	ng/m3	10/29/12	11/12/12	Contract SOW
26914-33-0	Tetrachlorobiphenyl (Total)	4.0	ng/m3 (	0.0023 10/29/12	11/12/12	Contract SOW
1336-36-3	Total PCBs	26	ng/m3 (	0.0023 10/29/12	11/12/12	Contract SOW
25323-68-6	Trichlorobiphenyl:(Total)	10	ng/m3 (	):0023 10/29/12	11/12/12. (	ontract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB Aroclors**

Project: 13-0036, Anniston PCB Air Study

Sample ID: <u>IAA102412</u>

Station ID: <u>I</u>

Lab ID: <u>C124401-06</u>

Matrix: Ambient Air

Date Collected: 10/24/12 9:56

CAS	Analyte	Results Qualifiers	r Units	MRL	Prepared	Analyzed	Method :
25512-42-9	Dichlorobiphenyl (Total)	2.8	ng/m3	0:0011	10/29/12	11/12/12	Contract SOW
28655-71-2	Heptachlorobiphenyl (Total)	0.017	ng/m3	0.0011	10/29/12		Contract SOW
26601-64-9	Hexachlorobiphenyl (Total)	0.094	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
27323-18-8	Monochlorobiphenyl (Total)	. 0.37	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
53742-07-7	Nonachlorobiphenyl (Total)	0.0017	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
55722-26-4	Octachlorobiphenyl (Total)	0.0011	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
2051-60-7	PCB Congener # 1	0.31	ng/m3	0.0029	10/29/12	11/12/12	Contract SOW
2051-61-8	PCB Congener # 2	0.014	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
2051-62-9	PCB Congener # 3	0.048	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
13029-08-8	PCB Congener # 4	0.92	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
16605-91-7	PCB Congener # 5	0.030	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
25569-80-6	PCB Congener # 6	0.24	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
33284-50-3	PCB Congener # 7	0.066	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
34883-43-7	PCB Congener # 8	1.1	ng/m3	0.011	10/29/12	11/12/12	Contract SOW
34883-39-1	PCB Congener # 9	0:096	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
33146-45-1	PCB Congener # 10	0.077	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
2050-67-1	PCB Congener # 11	0.088	ng/m3	0.029	10/29/12	11/12/12	Contract SOW
R4-8000863	PCB Congener # 12 and/or 13	0.0046 U	ng/m3	0.0046	10/29/12	11/12/12	Contract SOW
34883-41-5	PCB Congener # 14	0.0023 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
2050-68-2	PCB Congener # 15	0.21	ng/m3	0.011	10/29/12	11/12/12	Contract SOW
38444-78-9	PCB Congener # 16	0.28	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
37680-66-3	PCB Congener # 17	0.39	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
R4-8000864	PCB Congener # 18 and/or 30	0.72	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
38444-73-4	PCB Congener # 19	0.16	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
R4-8000865	PCB Congener # 20 and/or 28	0.54	ng/m3	0.011	10/29/12	11/12/12	Contract SOW
R4-8000866	PCB Congener # 21 and/or 33	0.35	ng/m3	0.0046	10/29/12	11/12/12	Contract SOW
38444-85-8	PCB Congener # 22	0.19	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
55720-44-0	PCB Congener # 23	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW

3/12/13 8:32

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study:- Reported by Jeffrey Hendel

# **PCB Aroclors**

Project: 13-0036, Anniston PCB Air Study

Sample ID: IAA102412

Station ID: I

Lab ID: <u>C124401-06</u>

Matrix: Ambient Air

Date Collected: 10/24/12 9:56

CIS						
Number	Analyre	Results Qualifiers	Units	MRL	Prepared	Analyzed Method - 1885
55702-45-9	PCB Congener # 24:	0.015	ng/m3	0.0011	10/29/12	11/12/12 Contract SOW
55712-37-3	PCB Congener # 25	0.044	ng/m3	0.0011	10/29/12	11/12/12 Contract SOW
R4-8000867	PCB Congener #26 and/or 29	0.10	ng/m3	0.0023	10/29/12	11/12/12 Contract SOW
38444-76-7	PCB Congener # 27	0.067	ng/m3	0.0011	10/29/12	11/12/12 Contract SOW
16606-02-3	PCB Congener # 31	0.50	ing/m3	0.0057	10/29/12	11/12/12 Contract SOW
38444-77-8	PCB Congener # 32	0.16	ng/m3	0.0011	10/29/12	11/12/12 Contract SOW
37680-68-5	PCR Congener # 34	0.0022	ng/m3	0.0011	10/29/12	11/12/12   Contract SOW   17
37680-69-6	PCB Congener # 35	0.0038	ng/m3	0.0023	10/29/12	11/12/12 Contract SOW
38444-87-0	PCB Congener # 36	0:0023 U 74	ng/m3	0.0023	10/29/12	11/12/12 Contract SOW
38444-90-5	PCB Congener # 37	0.067	ng/m3	0.011	10/29/12	11/12/12 Contract SOW
53555-66-1	PCB Congener # 38	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12 Contract SOW
38444-88-1	PCB Congener # 39	0.0023 U	ng/m3	0.0023	10/29/12	11/12/12 Contract SOW
R4-8001051	PCB Congener # 40 and/or 71	0.089 I, QI-1	ng/m3	0.0023	10/29/12	11/12/12 Contract SOW
52663-59-9	PCB Congener # 41	0.032 J, QI-1	ng/m3	0.0011	10/29/12	11/12/12 Contract SOW
36559-22-5	PCB Congener # 42	0:056 J. QI÷Î	ng/m3	0.0011	10/29/12	11/12/12 Contract SOW
70362-46-8	PCB Congener # 43	0.015 J, QI-1	ng/m3	0.0023	10/29/12	11/12/12 Contract SOW
R4-8000869	PCB Congener # 44 and/or 47,65	0.32 J. QI=1	ng/m3	0.0034	10/29/12	11/12/12 Contract SOW
R4-8000870	PCB Congener # 45 and/or 51	0.10 J, QI-1	ng/m3	0.0023	10/29/12	11/12/12 Contract SOW
41464-47-5	PCB Congener # 46	∲0:025 J. QI-1"	ng/m3	0.0011	10/29/12	11/12/12 Contract SOW
70362-47-9	PCB Congener # 48	0.066 J. QI-1	ng/m3	0.0011	10/29/12	11/12/12 Contract SOW
R4:8000871	PCB Congener # 49 and/or 69	₁ 0.14 J. QI-1	ng/m3	0.0023	10/29/12	11/12/12 Contract SOW
R4-8000872	PCB Congener # 50 and/or 53	0.052 J, QI-1	ng/m3	0.0023	10/29/12	11/12/12 Contract SOW
35693-99-3	PCB Congener # 52	0.26 J, QI-I	ng/m3	0.0011	10/29/12	11/12/12 Contract SOW
15968-05-5	PCB Congener # 54	0.0017	ng/m3	0.0011	10/29/12	11/12/12 Contract SOW
74338-24-2	PCB Congener # 55	0.0019-J.QI-II.	ng/m3	0.0011	10/29/12	11/12/12 Contract SOW
41464-43-1	PCB Congener # 56	0.032 J, QI-1	ng/m3	0.0023	10/29/12	11/12/12 Contract SOW
70424-67-8	PCB Congener # 57	0.0011 U	ng/m3	0,0011	10/29/12	11/12/12 Contract SOW
41464-49-7	PCB Congener # 58	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12 Contract SOW
R4-8000873	PCB Congener # 59 and/or 62,75	0.023 J. QI-L	ng/m3	0.0034	10/29/12	11/12/12 Contract SOW = 1-

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: IAA102412

Station ID: I

Lab ID: <u>C124401-06</u>

Matrix: Ambient Air

Date Collected: 10/24/12 9:56

C45	Date Con	ected: 10/24/12 9:56						•
R4-8000874 PCB Congener # 61 and/or 70,74,76	S	Analyte Charles	Results Qualifiers:	Units	MRL	Prepared	Analyzed	Method
74472-34-7         PCB Congener # 63         0.0039_1_Q1_1         n/m3         0.0029_1_029_12         11/2/12         Contract SOW           52663-58-8         PCB Congener # 64         0.085_J, Q1-1         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           32598-10.0         PCB Congener # 66         0.037_J, Q1-1         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           73575-57_P         PCB Congener # 67         0.0037_J, Q1-1         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           41464-42-0         PCB Congener # 72         0.0023         11         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           7338-231         PCB Congener # 73         0.0094_J, Q1-1         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           7338-231-3         PCB Congener # 77         0.0045_J, Q1-1         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           7336-249-1         PCB Congener # 78         0.0011 U         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           7336-240-2         PCB Congener # 80         0.0023 U         ng/m3 <td>33025-41-1</td> <td>PCB Congener,# 60</td> <td>0.020 J, QI=1</td> <td>ng/m3</td> <td>-0.0023</td> <td>10/29/12</td> <td>.11/12/12</td> <td>Contract SOW</td>	33025-41-1	PCB Congener,# 60	0.020 J, QI=1	ng/m3	-0.0023	10/29/12	.11/12/12	Contract SOW
\$2663-58-8   PCB Congener # 64   \$0.085 J, Ql-1   \$ng/m3   \$0.0011   \$1029/12   \$11/12/12   \$Contract SOW   \$2598:10-0   PCB Congener # 66   \$0.075 J; Ql-1   \$ng/m3   \$0.0029   \$1029/12   \$11/12/12   \$Contract SOW   \$73575-55-8   PCB Congener # 67   \$0.0037 J, Ql-1   \$ng/m3   \$0.0011   \$1029/12   \$11/12/12   \$Contract SOW   \$73575-55-7   PCB Congener # 68   \$0.0066 J, Ql-1   \$ng/m3   \$0.0011   \$1029/12   \$11/12/12   \$Contract SOW   \$1464-42-0   PCB Congener # 72   \$0.0023 U   \$ng/m3   \$0.0021   \$1029/12   \$11/12/12   \$Contract SOW   \$1464-42-0   PCB Congener # 73   \$0.0094 J, Ql-1   \$ng/m3   \$0.0011   \$1029/12   \$11/12/12   \$Contract SOW   \$1338-23-1   PCB Congener # 77   \$0.0045 J, Ql-1   \$ng/m3   \$0.0011   \$1029/12   \$11/12/12   \$Contract SOW   \$1464-48-6   PCB Congener # 78   \$0.0011 U   \$ng/m3   \$0.0011   \$1029/12   \$11/12/12   \$Contract SOW   \$13284-52-5   PCB Congener # 81   \$0.0011 U   \$ng/m3   \$0.0023   \$10-29/12   \$11/12/12   \$Contract SOW   \$13284-52-5   PCB Congener # 81   \$0.0011 U   \$ng/m3   \$0.0023   \$10-29/12   \$11/12/12   \$Contract SOW   \$13284-52-5   PCB Congener # 83   \$0.0025   \$ng/m3   \$0.00011   \$1029/12   \$11/12/12   \$Contract SOW   \$12663-60-2   PCB Congener # 83   \$0.0025   \$ng/m3   \$0.00011   \$1029/12   \$11/12/12   \$Contract SOW   \$12663-60-2   PCB Congener # 85 and/or \$116,117   \$0.0078   \$ng/m3   \$0.00011   \$1029/12   \$11/12/12   \$Contract SOW   \$12663-60-2   PCB Congener # 85 and/or \$116,117   \$0.0078   \$ng/m3   \$0.0003   \$1029/12   \$11/12/12   \$Contract SOW   \$12673-52-52   PCB Congener # 85 and/or \$106,117   \$0.0092   \$ng/m3   \$0.0003   \$1029/12   \$11/12/12   \$Contract SOW   \$12977   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/12   \$1029/1	R4-8000874	PCB Congener # 61 and/or 70,74,76	0.14 J, QI-1	ng/m3	0.0046	10/29/12	11/12/12	Contract SOW
22598-10-0   PCB Congener # 66   0.075 J. Ol-1   ng/m3   0.0029   10.2912   1/11/21/2   Contract SOW     73575-53-8   PCB Congener # 67   0.0037 J. Ql-1   ng/m3   0.0011   10/2912   1/11/21/2   Contract SOW     73575-57-7   PCB Congener # 68   0.0066 J. Ql-1   ng/m3   0.0011   10/2912   1/11/21/2   Contract SOW     41464-42-0   PCB Congener # 72   0.0023 U   ng/m3   0.0023   10/2912   1/11/21/2   Contract SOW     74338-23-1   PCB Congener # 77   0.0045 J. Ql-1   ng/m3   0.0011   10/2912   1/11/21/2   Contract SOW     73562-49-1   PCB Congener # 78   0.0011 U   ng/m3   0.0011   10/2912   1/11/21/2   Contract SOW     41464-48-6   PCB Congener # 79   0.0023 U   ng/m3   0.0023   10/2912   1/11/21/2   Contract SOW     73582-55-5   PCB Congener # 80   0.0023 U   ng/m3   0.0023   10/2912   1/11/21/2   Contract SOW     7362-54-2   PCB Congener # 81   0.0011 U   ng/m3   0.0011   10/2912   1/11/21/2   Contract SOW     73663-60-2   PCB Congener # 83   0.0025   ng/m3   0.0011   10/2912   1/11/21/2   Contract SOW     73663-60-2   PCB Congener # 85 and/or 116,117   0.0078   ng/m3   0.0018   10/2912   1/11/21/2   Contract SOW     73575-55-2   PCB Congener # 86 and/or   0.030   ng/m3   0.0023   10/2912   1/11/21/2   Contract SOW     73575-55-2   PCB Congener # 86 and/or   0.0092   ng/m3   0.0023   10/2912   1/11/21/2   Contract SOW     73575-55-2   PCB Congener # 86 and/or   0.0092   ng/m3   0.0023   10/2912   1/11/21/2   Contract SOW     73575-55-2   PCB Congener # 86 and/or   0.0092   ng/m3   0.0023   10/2912   1/11/21/2   Contract SOW     73575-55-2   PCB Congener # 90 and/or 101,113   0.044   ng/m3   0.0023   10/2912   1/11/21/2   Contract SOW     73575-55-6   PCB Congener # 90 and/or 101,113   0.044   ng/m3   0.0023   10/2912   1/11/21/2   Contract SOW     73575-55-6   PCB Congener # 95   0.050   ng/m3   0.0023   10/2912   1/11/21/2   Contract SOW     73575-55-6   PCB Congener # 95   0.050   ng/m3   0.0023   10/2912   1/11/21/2   Contract SOW     73575-55-9   PCB Congener # 95   0.050   ng/m3   0.0023   10/2912   1/11/	74472-34-7	PCB Congener # 63	0.0039 J, QI-1	ng/m3	0.0029	10/29/12	11/12/12	Contract SOW
73575-53-8 PCB Congener # 67 0.0037 J. Q1-1 ng/m3 0.0011 1029/12 11/12/12 Contract SOW 73575-52-7 PCB Congener # 68 0.0066 J. QE1 ng/m3 0.0011 1029/12 11/12/12 Contract SOW 41464-42-0 PCB Congener # 72 0.0023 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 74338-23-1 PCB Congener # 73 0.0094 J. Q1-1 ng/m3 0.0013 10/29/12 11/12/12 Contract SOW 74338-23-1 PCB Congener # 77 0.0045 J. Q1-1 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 70362-49-1 PCB Congener # 78 0.0011 U ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 14464-48-6 PCB Congener # 79 0.0023 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 735284-52-5 PCB Congener # 80 0.0023 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 7362-69-4 PCB Congener # 81 0.0011 U ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 7362-69-4 PCB Congener # 83 0.0025 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 72663-60-2 PCB Congener # 83 0.0025 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 72663-60-2 PCB Congener # 84 0.0016 ng/m3 0.0025 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 7276-72 PCB Congener # 85 and/or 116,117 0.0078 ng/m3 0.0034 10/29/12 11/12/12 Contract SOW 7277-10/31/19/19/19/15  R4-8000876 PCB Congener # 88 and/or 91 0.0092 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 72757-57-2 PCB Congener # 89 and/or 91 0.0092 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 72757-57-2 PCB Congener # 89 and/or 10/11/13 0.044 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 73757-57-2 PCB Congener # 99 and/or 10/11/13 0.044 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 73575-55-6 PCB Congener # 95 0.0001 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-55-6 PCB Congener # 95 0.0001 U ng/m3 0.00023 10/29/12 11/12/12 Contract SOW 73575-55-6 PCB Congener # 95 0.0001 U ng/m3 0.0001 10/29/12 11/12/12 Contract SOW 73575-55-6 PCB Congener # 95 0.0001 U ng/m3 0.0001 10/29/12 11/12/12 Contract SOW 73575-55-6 PCB Congener # 95 0.0001 U ng/m3 0.0001 10/29/12 11/12/12 Contract SOW 73575-55-6 PCB Congener # 95 0.0001 U ng/m3 0.0001 10/29/12 11/12/12 Contract SOW 73575-55-6 PCB Congener # 95 0.0001 U ng/m3 0.0001 10/29	52663-58-8	PCB Congener # 64	0.085 J, QI-1	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
73575552-7. PCB Congener # 68	32598-10-0	PCB Congener # 66	€ 0.075-J. QT-1	ng/m3	0.0029	10/29/12	11/12/12	Contract SOW.
41464-42-0 PCB Congener # 72 0.0023 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 74338-23.1 PCB Congener # 73 0.0094 J. Ol-1 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 7338-23.1 PCB Congener # 77 0.0045 J. Ql-1 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 70362-49-1 PCB Congener # 78 0.0011 UJ ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 70362-49-1 PCB Congener # 79 0.0023 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73354-52-5 PCB Congener # 80 0.0011 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 70362-50-4 PCB Congener # 81 0.0011 U ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 70362-50-4 PCB Congener # 83 0.0025 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 60145-20-2 PCB Congener # 83 0.0025 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 72663-60-2 PCB Congener # 84 0.016 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 72663-60-2 PCB Congener # 84 0.016 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 72663-60-2 PCB Congener # 84 0.016 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 72663-60-2 PCB Congener # 88 and/or 116,117 0.0078 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 72677 PCB Congener # 88 and/or 1 0.0092 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 72675-55-2 PCB Congener # 89 0.0011 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 7265-3-61-3 PCB Congener # 89 0.0011 U ng/m3 0.0021 10/29/12 11/12/12 Contract SOW 7265-3-61-3 PCB Congener # 90 and/or 101,113 0.044 ng/m3 0.0021 10/29/12 11/12/12 Contract SOW 72575-55-9 PCB Congener # 93 and/or 100 0.0023 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 72575-55-9 PCB Congener # 95 0.050 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-55-9 PCB Congener # 95 0.050 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-55-9 PCB Congener # 95 0.050 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-55-9 PCB Congener # 95 0.050 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-55-9 PCB Congener # 95 0.050 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-55-9 PCB Congener # 95 0.050 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-55-9 PCB Congener # 95 0.050 ng/m3 0.0011 10/29/12	73575-53-8	PCB Congener # 67	0.0037 J. QI-1	ng/m3	0.0011	10/29/12 -	11/12/12	Contract SOW
7338-23-1 PCB Congener # 73 0.0094 1.01-1 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 32598-13-3 PCB Congener # 77 0.0045 J, Q1-1 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 41464-48-6 PCB Congener # 78 0.0011 U ng/m3 0.0013 10/29/12 11/12/12 Contract SOW 41464-48-6 PCB Congener # 79 0.0023 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 41464-48-6 PCB Congener # 80 0.0023 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 32584-52-5 PCB Congener # 81 0.0011 U ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 70362-50-4 PCB Congener # 81 0.0011 U ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 52663-62-4 PCB Congener # 83 0.0025 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 60145-20-2 PCB Congener # 84 0.016 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 82663-60-2 PCB Congener # 84 0.016 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 87-97.1093/19/12 12 0.0002  ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 87-97.1093/19/12 12 0.0002  ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 87-97.1093/19/12 11/12/12 Contract SOW 97-97.1093/19/12 11/12/12 Contract S	73575-52-7	PCB Congener # 68	0.00 <b>66 1</b> , QI-1	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
32598-13-3 PCB Congener # 77 0.0045 J, Ql-1 ng/m3 0.0011 10/2912 11/12/12 Contract SOW 70362-49-1 PCB Congener # 78 0.0011 U1 ng/m3 0.0011 10/2912 11/12/12 Contract SOW 41464-48-6 PCB Congener # 79 0.0023 U ng/m3 0.0023 10/2912 11/12/12 Contract SOW 33284-52:5 PCB Congener # 80 0.0023 U ng/m3 0.0023 10/2912 11/12/12 Contract SOW 70362-50-4 PCB Congener # 81 0.0011 U ng/m3 0.0011 10/2912 11/12/12 Contract SOW 52663-62-4 PCB Congener # 82 0.0054 ng/m3 0.0011 10/2912 11/12/12 Contract SOW 52663-62-4 PCB Congener # 83 0.0025 ng/m3 0.0011 10/2912 11/12/12 Contract SOW 52663-60-2 PCB Congener # 84 0.016 ng/m3 0.0011 10/2912 11/12/12 Contract SOW 82663-60-2 PCB Congener # 85 and/or 116,117 0.0078 ng/m3 0.0011 10/2912 11/12/12 Contract SOW 87.97,1093119,125 ng/m3 0.0025 ng/m3 0.0025 11/12/12 Contract SOW 87.97,1093119,125 ng/m3 0.0025 ng/m3 0.0025 11/12/12 Contract SOW 87.97,1093119,125 ng/m3 0.0024 10/2912 11/12/12 Contract SOW 97.97,1093119,125 ng/m3 0.0024 10/2912 11/12/12 Contract SOW 97.97,1093119,1093119,1093119,1093119,1093119,1093119,1093119,1093119,1093119,1093119,1093119,1093119,1093119,1093119,1093119,1093119,1	41464-42-0	PCB Congener # 72	0.0023 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
70362-49-11         PCB Congener # 78         0.0011 U         ng/m3         0.0011 U         10/29/12 1/1/2/12 Contract SOW           41464-48-6         PCB Congener # 79         0.0023 U         ng/m3         0.0023 10/29/12 11/12/12 Contract SOW           33284-52-5         PCB Congener # 80         0.0023 U         ng/m3         0.0023 10/29/12 11/12/12 Contract SOW           70362-50-4         PCB Congener # 81         0.0011 U         ng/m3         0.0011 10/29/12 11/12/12 Contract SOW           52663-62-4         PCB Congener # 82         0.0054         ng/m3         0.0011 10/29/12 11/12/12 Contract SOW           52663-60-2         PCB Congener # 83         0.0025         ng/m3         0.0011 10/29/12 11/12/12 Contract SOW           82663-60-2         PCB Congener # 85 and/or 116,117         0.0078         ng/m3         0.0014 10/29/12 11/12/12 Contract SOW           R4-8000876         PCB Congener # 86 and/or 87,97,109/119,125         0.030         ng/m3         0.0068 10/29/12 11/12/12 Contract SOW           R4-8000878         PCB Congener # 88 and/or 91         0.0092         ng/m3         0.0011 10/29/12 11/12/12 Contract SOW           73575-57-2         PCB Congener # 90 and/or 101,113         0.044         ng/m3         0.0011 10/29/12 11/12/12 Contract SOW           82663-61-3         RCB Congener # 90 and/or 101,113         0.0044	74338-23-1	PCB Congener # 73	0.0094-J, Q1-1	ng/m3	0.0017	10/29/12	11/12/12	Contract SOW
41464-48-6 PCB Congener # 79 0.0023 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 33284-52.5 PCB Congener # 80 0.0023 U ng/m3 0.0021 10/29/12 11/12/12 Contract SOW 70362-50-4 PCB Congener # 81 0.0011 U ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 52663-62-4 PCB Congener # 82 0.0054 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 60145-20-2 PCB Congener # 83 0.0025 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 52663-60-2 PCB Congener # 84 0.016 ng/m3 0.001E 10/29/12 11/12/12 Contract SOW R4-8000876 PCB Congener # 85 and/or 116,117 0.0078 ng/m3 0.0034 10/29/12 11/12/12 Contract SOW E52450707 PCB Congener # 86 and/or 16,117 0.0078 ng/m3 0.0068 10/29/12 11/12/12 Contract SOW 87.97,1093119,125 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-57-2 PCB Congener # 89 0.0011 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW R4-8000879 PCB Congener # 90 and/or 101,113 0.044 ng/m3 0.0034 10/29/12 11/12/12 Contract SOW 73575-55-6 PCB Congener # 93 and/or 100 0.0023 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-55-6 PCB Congener # 94 0.0011 U ng/m3 0.0021 10/29/12 11/12/12 Contract SOW 73575-55-6 PCB Congener # 94 0.0011 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-55-6 PCB Congener # 95 0.050 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-55-6 PCB Congener # 95 0.050 ng/m3 0.0021 10/29/12 11/12/12 Contract SOW 73575-55-6 PCB Congener # 95 0.050 ng/m3 0.0021 10/29/12 11/12/12 Contract SOW 73575-55-9 PCB Congener # 95 0.050 ng/m3 0.0021 10/29/12 11/12/12 Contract SOW 73575-55-9 PCB Congener # 95 0.050 ng/m3 0.0021 10/29/12 11/12/12 Contract SOW 73575-55-9 PCB Congener # 95 0.050 ng/m3 0.0021 10/29/12 11/12/12 Contract SOW 73575-55-9 PCB Congener # 96 0.0014 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW	32598-13-3	PCB Congener # 77	0.0045 J, QI-I	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
33284-52-5 PCB Congener # 80	70362-49-1	PCB Congener # 78	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
70362-50-4         PCB Congener # 81         0.0011 U         ng/m3         0.0011 10/29/12         11/12/12         Contract SOW           52663-62-4         PCB Congener # 82         0.0054         ng/m3         0.0029         10/29/12         11/12/12         Contract SOW           60145-20-2         PCB Congener # 83         0.0025         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           52663-60-2         PCB Congener # 84         0.016         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           R4-8000876         PCB Congener # 85 and/or 116,117         0.0078         ng/m3         0.0044         10/29/12         11/12/12         Contract SOW           E52450707         PCB Congener # 86 and/or 0.030         ng/m3         0.0068         10/29/12         11/12/12         Contract SOW           R4-8000878         PCB Congener # 88 and/or 91         0.0092         ng/m3         0.0011         10/79/12         11/12/12         Contract SOW           R4-8000879         PCB Congener # 89         0.0011 U         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           84-800052         PCB Congener # 90         0.0079         ng/m3         0.0011         10/29/12 <td>41464-48-6</td> <td>PCB Congener # 79</td> <td>0.0023 U</td> <td>ng/m3</td> <td>0.0023</td> <td>10/29/12</td> <td>11/12/12</td> <td>Contract SOW</td>	41464-48-6	PCB Congener # 79	0.0023 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
52663-62-4         PCB Congener # 82         0.0054         ng/m3         0.0029         10/29/12         11/12/12         Contract SOW           60145-20-2         PCB Congener # 83         0.0025         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           52663-60-2         PCB Congener # 84         0.016         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           R4-8000876         PCB Congener # 85 and/or 116,117         0.0078         ng/m3         0.0034         10/29/12         11/12/12         Contract SOW           E52450707         PCB Congener # 86 and/or 9         0.030         ng/m3         0.0068         10/29/12         11/12/12         Contract SOW           R4-8000878         PCB Congener # 88 and/or 91         0.0092         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           73575-57-2         PCB Congener # 89         0.0011 U         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           R4-8000879         PCB Congener # 90 and/or 101,113         0.044         ng/m3         0.0034         10/29/12         11/12/12         Contract SOW           72663-61-3         PCB Congener # 93 and/or 100         0.0023 U	33284-52-5	PCB Congener # 80	0.0023 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
60145-20-2         PCB Congener # 83         0.0025         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           52663-60-2         PCB Congener # 84         0.016         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           R4-8000876         PCB Congener # 85 and/or 116,117         0.0078         ng/m3         0.0034         10/29/12         11/12/12         Contract SOW           E52450707         PCB Congener # 86 and/or 87,97.109,119,125         0.0030         ng/m3         0.0068         10/29/12         11/12/12         Contract SOW           R4-8000878         PCB Congener # 88 and/or 91         0.0092         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           73575-57-2         PCB Congener # 89         0.0011 U         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           R4-8000879         PCB Congener # 90 and/or 101,113         0.044         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           \$2663-61-3         PCB Congener # 93 and/or 100         0.0023 U         ng/m3         0.0021         11/12/12         Contract SOW           73575-55-6         PCB Congener # 94         0.0011 U         ng/	70362-50-4	PCB Congener # 81	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
52663-60-2         PCB Congener # 84         0.016         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           R4-8000876         PCB Congener # 85 and/or 116,117         0.0078         ng/m3         0.0034         10/29/12         11/12/12         Contract SOW           E52450707         PCB Congener # 86 and/or 87,109:119,125         0.030         ng/m3         0.0068         10/29/12         11/12/12         Contract SOW           R4-8000878         PCB Congener # 88 and/or 91         0.0092         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           73575-57-2         PCB Congener # 89         0.0011 U         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           R4-8000879         PCB Congener # 90 and/or 101,113         0.044         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           52663-61-3         PCB Congener # 92         0.0079         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           73575-55-0         PCB Congener # 93         0.0011 U         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           73575-55-0         PCB Congener # 94         0.0011 U	52663-62-4	PCB Congener # 82	0.0054	ng/m3:	0.0029	10/29/12	11/12/12	Contract SOW
R4-800876 PCB Congener # 85 and/or 116,117 0.0078 ng/m3 0.0034 10/29/12 11/12/12 Contract SOW E52450707 PCB Congener # 86 and/or 0.030 ng/m3 0.0068 10/29/12 11/12/12 Contract SOW 87,97,109,119,125 R4-8000878 PCB Congener # 88 and/or 91 0.0092 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-57-2 PCB Congener # 89 0.0011 U ng/m3 0.0011 10/29/12 11/12/12 Contract SOW R4-8000879 PCB Congener # 90 and/or 101,113 0.044 ng/m3 0.0034 10/29/12 11/12/12 Contract SOW 52663-61-3 PCB Congener # 92 0.0079 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW R4-8001052 PCB Congener # 93 and/or 100 0.0023 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-55-6 PCB Congener # 94 0.0011 U ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 38379-99-6 PCB Congener # 95 0.050 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-54-9 PCB Congener # 96 0.0014 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW	60145-20-2	PCB Congener # 83	0.0025	. ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
ES2450707 PCB Congener # 86 and/or 0.030 ng/m3 0.0068 10/29/12 11/12/12 Contract SOW 87.97.109/s119/s125  R4-8000878 PCB Congener # 88 and/or 91 0.0092 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-57-2 PCB Congener # 89 0.0011 U ng/m3 0.0011 10/29/12 11/12/12 Contract SOW PCB Congener # 90 and/or 101,113 0.044 ng/m3 0.0034 10/29/12 11/12/12 Contract SOW 52663-61-3 PCB Congener # 92 0.0079 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW R4-8001052 PCB Congener # 93 and/or 100 0.0023 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-55-6 PCB Congener # 94 0.0011 U ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 38379-99-6 PCB Congener # 95 0.050 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-54-9 PCB Congener # 96 0.0014 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 73575-54-9 PCB Congener # 96 0.0014 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 73575-54-9 PCB Congener # 96 0.0014 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 73575-54-9 PCB Congener # 96 0.0014 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 73575-54-9 PCB Congener # 96 0.0014 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 73575-54-9 PCB Congener # 96 0.0014 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW	52663-60-2	PCB Congener # 84	0.016	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
87.97.109.119.125  R4-8000878 PCB Congener # 88 and/or 91 0.0092 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-57-2 PCB Congener # 89 0.0011 U ng/m3 0.0011 10/29/12 11/12/12 Contract SOW/ R4-8000879 PCB Congener # 90 and/or 101,113 0.044 ng/m3 0.0034 10/29/12 11/12/12 Contract SOW 52663-61-3 PCB Congener # 92 0.0079 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW R4-8001052 PCB Congener # 93 and/or 100 0.0023 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-55-6 PCB Congener # 94 0.0011 U ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 38379-99-6 PCB Congener # 95 0.050 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-54-9 PCB Congener # 96 0.0014 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW	R4-8000876	PCB Congener # 85 and/or 116,117	0.0078	nig/m3	0.0034	10/29/12	11/12/12	Contract SOW
R4-8000878 PCB Congener # 88 and/or 91 0.0092 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-57-2 PCB Congener # 89 0.0011 U ng/m3 0.0011 10/29/12 11/12/12 Contract SOW PCB Congener # 90 and/or 101,113 0.044 ng/m3 0.0034 10/29/12 11/12/12 Contract SOW 52663-61-3 PCB Congener # 92 0.0079 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW R4-8001052 PCB Congener # 93 and/or 100 0.0023 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-55-6 PCB Congener # 94 0.0011 U ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 38379-99-6 PCB Congener # 95 0.050 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-54-9 PCB Congener # 96 0.0014 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 73575-54-9 PCB Congener # 96 0.0014 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW	E52450707	The state of the s	0.030	ng/m3	0.0068	10/29/12	11/12/12	Contract SOW
73575-57-2 PCB Congener # 89 0:0011 U ng/m3 0:0011 10/29/12 11/12/12 Contract SOW R4-8000879 PCB Congener # 90 and/or 101,113 0:044 ng/m3 0:0034 10/29/12 11/12/12 Contract SOW 52663-61-3 PCB Congener # 92 0:0079 ng/m3 0:0011 10/29/12 11/12/12 Contract SOW R4-8001052 PCB Congener # 93 and/or 100 0:0023 U ng/m3 0:0011 10/29/12 11/12/12 Contract SOW 73575-55-6 PCB Congener # 94 0:0011 U ng/m3 0:0011 10/29/12 11/12/12 Contract SOW 38379-99-6 PCB Congener # 95 0:050 ng/m3 0:0023 10/29/12 11/12/12 Contract SOW 73575-54-9 PCB Congener # 96 0:0014 ng/m3 0:0011 10/29/12 11/12/12 Contract SOW 11/1	972/data/eth/2000000000000000000000000000000000000	AND CONTRACTOR OF THE PROPERTY	0.000	na/m3	0.0022	1000/10	11/12/12	Control of COW
R4-8000879 PCB Congener # 90 and/or 101,113 0.044 ng/m3 0.0034 10/29/12 11/12/12 Contract SOW 52663-61-3 PCB Congener # 92 0.0079 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW R4-8001052 PCB Congener # 93 and/or 100 0.0023 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-55-6 PCB Congener # 94 0.0011 U ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 38379-99-6 PCB Congener # 95 0.050 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-54-9 PCB Congener # 96 0.0014 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW							STATISTICS OF LAVIERS	
52663-61-3         PCB Congener # 92         0.0079         ng/m3         0.001ii         10/29/12         11/12/12         Contract SOW           R4-8001052         PCB Congener # 93 and/or 100         0.0023 U         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           73575-55-6         PCB Congener # 94         0.0011 U         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW           38379-99-6         PCB Congener # 95         0.050         ng/m3         0.0023         10/29/12         11/12/12         Contract SOW           73575-54-9         PCB Congener # 96         0.0014         ng/m3         0.0011         10/29/12         11/12/12         Contract SOW								
R4-8001052 PCB Congener # 93 and/or 100 0.0023 U ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-55-0 PCB Congener # 94 0.0011 U ng/m3 0.0011 10/29/12 11/12/12 Contract SOW 38379-99-6 PCB Congener # 95 0.050 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-54-9 PCB Congener # 96 0.0014 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW	78.00							44.75.27%
73575-55-0 PCB Congener # 94 0.0011 U ng/m3 0.0011 = 10/29/12 11/12/12 Contract SOW 38379-99-6 PCB Congener # 95 0.050 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-54-9 PCB Congener # 96 0.0014 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW			2					
38379-99-6 PCB Congener # 95 0.050 ng/m3 0.0023 10/29/12 11/12/12 Contract SOW 73575-54-9 PCB Congener # 96 0.0014 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW	The Management of the State of		3					
73575-54-9 PCB Congener # 96 0.0014 ng/m3 0.0011 10/29/12 11/12/12 Contract SOW	LANGE CONTRACTOR					ala waasi.	ikili er enebiski.	
							ORTHODOTO AND RESIDEN	
R4-6001030 FCB Congenier # 76 and/01 102 U.0025 ng/m3 U.0023 10/29/12 11/12/12 Contract SOW	0.00			ALL 25-174				
	K4-8001036	res Congener # 98 and/or 102	0.0025	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB Aroclors**

Project: 13-0036, Anniston PCB Air Study

Sample ID: IAA102412

Station ID: I

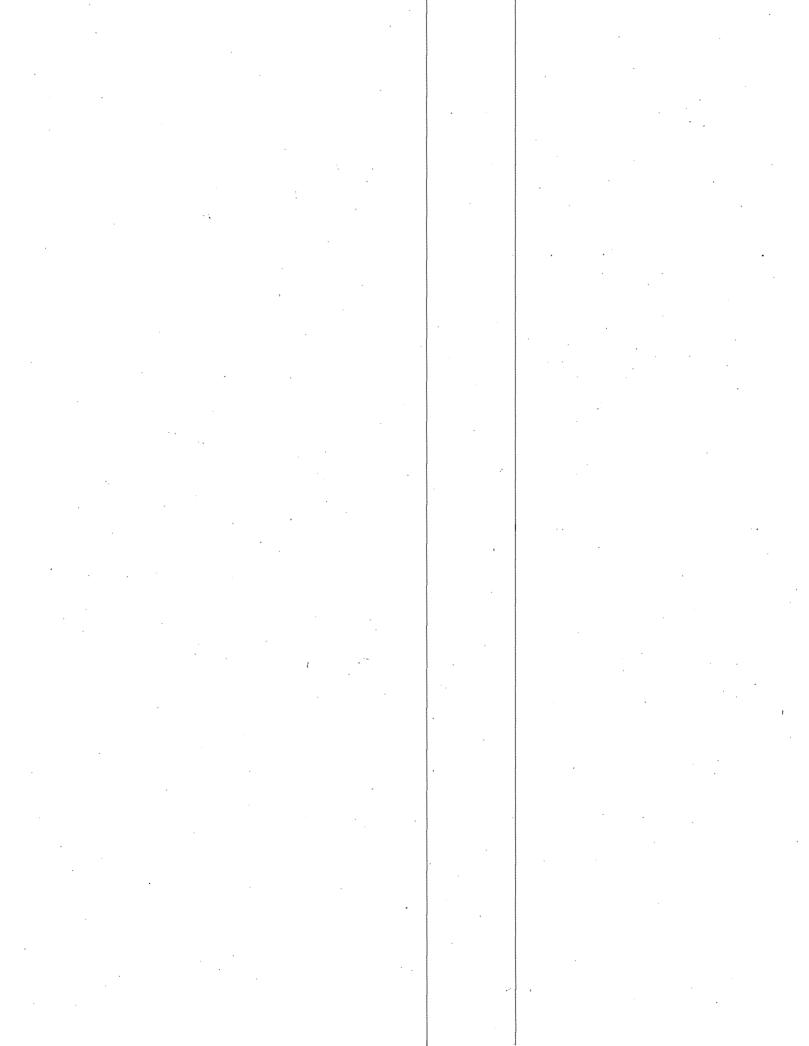
Lab ID: C124401-06

Matrix: Ambient Air

Date Collected: 10/24/12 9:56

Date Colle	ected: 10/24/12 9:56		ACTION AND ADDRESS OF THE PARTY	a managaran	and the second		
CAS Number	Analyie	Results : Qualifiers	Units (Section)	MRL	Prepared	Analyzed	Method
38380-01-7	PCB Congener # 99	0.018	ng/m3	0:0011	10/29/12	11/12/12	Contract SOW ,
60145-21-3	PCB Congener #103	0.0028 U	ng/m3	0.0029	10/29/12	11/12/12	Contract SOW
56558-16-8	PCB Congener #104	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
32598-14-4	PCB Congener #105	0.013	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
70424-69-0	PCB Congener #106	20:0011°Ü	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
70424-68-9	PCB Congener #107	0.0023 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
R4-8001053	PCB Congener #108 and/or 124	0.0023 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW 111
R4-8000882	PCB Congener #110 and/or 115	0.039	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW .
39635-32-0	PCB Congener #1111	0.001120	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
74472-36-9	PCB Congener #112	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
74472-37-0	PCB Congener #114	0.0011 Ü	ng/m31	0.0011	10/29/12	11/12/12	Contract SOW
31508-00-6	PCB Congener #118	0.028	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
68194-12-7	PCB Congener #120	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
56558-18-0	PCB Congener #121	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
76842-07-4	PCB Congener #1221/5	2. 0.0011 U	ng/m3	0.0011	10/29/12%	11/12/12	Contract SOW
65510-44-3	PCB Congener #123	0.0011 U .	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
57465-28-8	PCB Congener #126	0.0011 U	ng/m3	0.0011	10/2 <b>9/12</b>	-11/12/12	Contract SOW
39635-33-1	PCB Congener #127	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
R4-8000883	PCB Congener #128 and/or 166	0.0032	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
R4-8001054	PCB Congener #129 and/or 138,163	0.021	ng/m3	0.0034	10/29/12	11/12/12	Contract SOW
52663-66-8	PCB Congener #130.	0.0014	ng/m3	0.0011	40/29/12	11/12/12	Contract SOW
61798-70-7	PCB Congener #131	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
38380-05-1-	PCB Congener #132	- 0.0079-9	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
35694-04-3	PCB Congener #133	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
52704-70-8	PCB Congener #134	0.0014	,, ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
R4-8001055	PCB Congener #135 and/or 151	0.0074	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
38411-22-2	PCB Congener #136	= 0.0037	ng/m3	0.0011	10/29/12	-11/12/12	Contract SOW-
35694-06-5	PCB Congener #137	0.0013	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
R4-8000887	PCB Congener #139 and/or 140	0.0023 U	ng/m3	0.0023	10/29/12	/11/12/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: <u>IAA102412</u>

Station ID: I

Lab ID: <u>C124401-06</u>

Matrix: Ambient Air

Date Collected: 10/24/12 9:56

Date Colle	ected: 10/24/12 9:56						
CAS Number	- Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
52712-04-6	PCB Congener #141	0.0037	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
41411-61-4	PCB Congener #142	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
68194-15-0	PCB Congener #143	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
68194-14-9	PCB Congener #144	0.0014	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
74472-40-5	PCB Congener #145	0:0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
51908-16-8	PCB Congener #146	0.0026	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
R4-8000888	PCB Congener #147 and/or 149	0:017	ng/m3	0.0046	10/29/12	11/12/12	Contract SOW
74472-41-6	PCB Congener #148	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
68194-08-1	PCB Congener #150	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
68194-09-2	PCB Congener #152	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
R4-8000889	PCB Congener #153 and/or 168	0.016	ng/m3	0.0046	10/29/12	11/12/12	Contract SOW
60145-22-4	PCB Congener #154	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
33979-03-2	PCB Congener #155	0.0011 Ü	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
R4-8000890	PCB Congener #156 and/or 157	0.0024	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
74472-42-7	PCB Congener #158	0:0022	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
39635-35-3	PCB Congener #159	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
41411-62-5	PCB Congener #160	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
74472-43-8	PCB Congener #161	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
39635-34-2	PCB Congener #162	0:0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
74472-45-0	PCB Congener #164	0.0013	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
74472-46-1	PCB Congener #165	0:0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
52663-72-6	PCB Congener #167	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
32774-16-6	'PCB Congener #169	0.0011 U	rig/m3	0.0011	10/29/12	11/12/12	Contract SOW
35065-30-6	PCB Congener #170	0.0022	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
R4-8000891	PGB Congener #171 and/or 173	0.0023 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
52663-74-8	PCB Congener #172	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
38411-25-5	PCB Congener #174	0.0026	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
40186-70-7	PCB Congener #175	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
52663-65-7	PCB Congener #176	0:0011 ∪	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
			_	-			

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB Aroclors**

Project: 13-0036, Anniston PCB Air Study

Sample ID: IAA102412

Station ID: **I** 

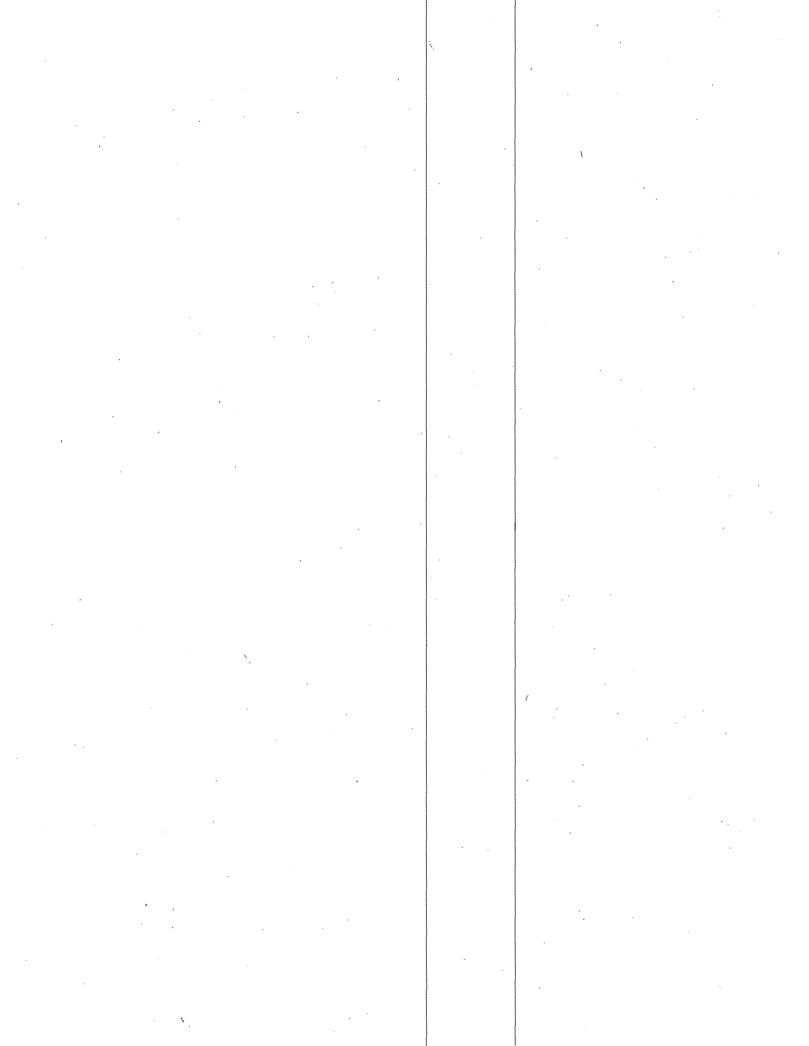
Lab ID: <u>C124401-06</u>

Matrix: Ambient Air

Date Collected: 10/24/12 9:56

Nethbookersones, Calaboresenson			Autoria de la compansión de la compansió		·		
CAS. Number	Analyte	Results Qualifiers	Unirs	<i>MRL</i>	Prepured	Analyzed	Method
52663-70-4	PCB Congener #177	0.0014	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
52663-67-9	PCB Congener #178	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
52663-64-6	PCB Congener #179	-0:0018	ng/m3-	0.0011	10/29/12	11/12/12	Contract SOW
R4-8000892	PCB Congener #180 and/or 193	0.0050	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
74472-47-2	PCB Congener #181	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
60145-23-5	PCB Congener #182	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
R4-8000893	PCB Congener #183 and/or 1855	0.0023 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
74472-48-3	PCB Congener #184	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
74472-49-4	PCB Congener #186	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
52663-68-0	PCB Congener #187	0.0038	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
74487-85-7	PCB Congener #188	0.0011.U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
39635-31-9	PCB Congener #189	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
41411-64-7	PCB Congener #190	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
74472-50-7	PCB Congener #191	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
74472-51-8	PCB Congener #192*	0.0011 U 3	ng/m3	0.0011	10/29/12	11/12/12	Contract 80W
35694-08-7	PCB Congener #194	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
52663-78-2	PCB Congener #195	0.0011 U 📑	ng/m3	- 0.0011	10/29/12	11/12/12	Contract SOW
42740-50-1	PCB Congener #196	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
R4-8000894	PCB Congener #197 and/or 200	0.0023 €	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
R4-8000895	PCB Congener #198 and/or 199	0.0023 U	ng/m3	0.0023	10/29/12	11/12/12	Contract SOW
40186-71-8	PCB Congener #201	0.0011.U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
2136-99-4	PCB Congener #202	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
52663-76-0	PCB Congener #203	0.0011 U +	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
74472-52-9	PCB Congener #204	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
74472-53-0	PCB Congener #205	+0.0011 U= 55	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
40186-72-9	PCB Congener #206	0.0017	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
52663-79-3	PCB Congener #207	0:0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
52663-77-1	PCB Congener #208	0.0011 U	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
2051-24-3	PCB Congener #209	0.0012	ng/m3	0:0011	10/29/12	11/12/12	Contract SOW
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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: IAA102412

sample 10. <u>arriva-11.</u>

Station ID: <u>I</u>

Lab ID: C124401-06

Matrix: Ambient Air

Date Collected: 10/24/12 9:56

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared:	Analyzed	Method
25429-29-2	Pentachlorobiphenyl (Total)	0.27	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW-
R4-8001156	TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 0)	0.00023	ng/m3		10/29/12	11/12/12	Contract SOW
R4-8001157	TEQ (Avian for PCBs, WHO TEQ298)	0.00034	ng/m3)		10/29/12	11/12/12	Contract SOW
R4-8001026	TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98)	0.00046	ng/m3		10/29/12	1,1/12/12	Contract SOW
R4-8001158	TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x.0)	67E-7	ng/m3		10/29/12	11/12/12	Contract SOW-
R4-8001159	TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 1/2)	3.8E-6	ng/m3		10/29/12	11/12/12	Contract SOW
R4-8001027	TEQ (Fish Toxic: Equiv. for PCBs, WHO TEQ-98):	7.0E-6	ng/m3		10/29/12	11/12/12	Contract SOW
R4-8001161	TEQ (Mammal for PCBs WHO TEQ-05) (TEF is RL x 1/2)	7.6E-5	ng/m3		10/29/12	11/12/12	Contract SOW
R4-8001160	TEQ (Mammal for PCBs, WHO TEQ-05)	1.8E-6	. ng/m3		10/29/12	11/12/12	Contract SOW - k
R4-8000909	TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05)	0.00015	ng/m3		10/29/12	11/12/12	Contract SOW
26914-33-0	Tetrachlorobiphenyl (Total)	1.6	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
1336-36-3	Total PCBs	8.8	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW
25323-68-6	Trichlorobiphenyi (Fotal)	3.6	ng/m3	0.0011	10/29/12	11/12/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel-

## **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102312

Station ID: <u>J</u>

Lab ID: C124401-07

Matrix: Ambient Air

Date Collected: 10/23/12 11:15

Date Coll	lected: 10/23/12 11:15	-					
GAS Number	Analyte.	Results Qualifiers	tnits	MRL .	Prepared	Analyzed	Method
25512-42-9	Dichlorobiphenyl (Total)	2.6	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
28655-71-2	Heptachlorobiphenyl (Total)	0.021	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
26601-64-9	Hexachlorobiphenyl (Total)	0.090	ng/m3	0:0013	10/29/12	11/12/12	Contract SOW
27323-18-8	Monochlorobiphenyl (Total)	0.72	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
53742-07-7	Nonachlorobiphenyl (Total)	0.0042	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
55722-26-4	Octachlorobiphenyl (Total)	0.0034	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
2051-60-7	PCB Congener # 1	0.67	ng/m3	0.0033	-10/29/12	11/12/12	Contract SOW
2051-61-8	PCB Congener # 2	0.010	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
2051-62-9	PCB Congener # 3	0.043	ng/m3	0.0013	10/29/12	41/12/12	Contract SOW
13029-08-8	PCB Congener # 4	0.92	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
16605-91-7	PCB Congener # 5	0.022	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
25569-80-6	PCB Congener # 6	0.18	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
33284-50-3	PCB Congener # 7	0.11	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
34883-43-7	PCB Congener # 8	0.74	ng/m3	0.013	10/29/12	11/12/12	Contract SOW
34883-39-1	PCB Congener # 9	0.064	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
33146-45-1	PCB Congener # 10	0.19	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
2050-67-1	PCB Congener # 11.	0.090	ng/m3	0.033	10/29/12	11/12/12	Contract SOW
R4-8000863	PCB Congener # 12 and/or 13	0.028	ng/m3	0.0052	10/29/12	11/12/12	Contract SOW
34883-41-5	PCB Congener # 14	0.0047	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
2050-68-2	PCB Congener # 15	0.20	ng/m3	0.013	10/29/12	11/12/12	Contract SOW
38444-78-9	PCB Congener # 16	0:21	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
37680-66-3	PCB Congener # 17	0.31	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
R4-8000864	PCB Congener # 18 and/or 30	0.57	ng/m3	0.0026	10/29/12	:11/12/12	Contract SOW
38444-73-4	PCB Congener # 19	0.24	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
R4-8000865	PCB Congener # 20 and/or 28	0:41	ng/m3	0.013	10/29/12	11/12/12	Contract SOW
R4-8000866	PCB Congener # 21 and/or 33	0.23	ng/m3	0.0052	10/29/12	11/12/12	Contract SOW
38444-85-8	PCB Congener # 22	0.13	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
55720-44-0	PCB Congener # 23	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB Aroclors**

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102312

Station ID: J

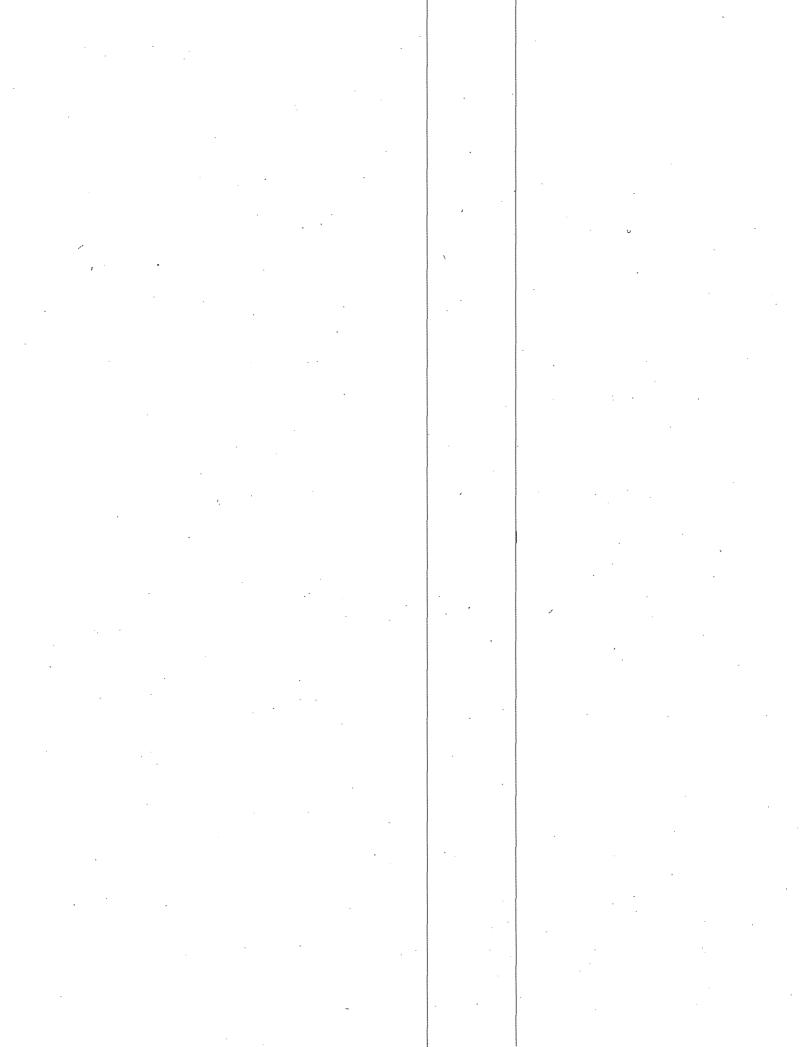
Lab ID: C124401-07

Matrix: Ambient Air

Date Collected: 10/23/12 11:15

Date Con	lected: 10/25/12 11:15	,				
CAS Number	Analytes 1 2	Results Qualifiers	Units (2.5)	MRL Prej	ured Analyzei	Method
55702-45-9	PCB Congener # 24	0.013	ng/m3	0.0013 10/	29/12 11/12/12	Contract SOW
55712-37-3	PCB Congener # 25	0.036	ng/m3	0.0013 10/2	29/12 11/12/12	Contract SOW
R4-8000867	PCB Congener # 26 and/or 29	0.07.9	ng/m3	0.0026 10/	29/12 11/12/12	Contract SOW
38444-76-7	PCB Congener # 27	0.068	ng/m3	0.0013 10/	29/12 11/12/12	Contract SOW
16606-02-3	PCB Congener #31	0.38	ng/m3 a	0.0065 10/	29/12 11/12/12	Contract SOW
38444-77-8	PCB Congener # 32	0.15	ng/m3	0.0013 •10/2	29/12 11/12/12	Contract SOW
37680-68-5	PCB Congener # 34	0.0016	ng/m3	0.0013 - 10/	29/12 11/12/12	Contract SOW
37680-69-6	PCB Congener # 35	0.0026 U	ng/m3	0.0026 10/2	29/12 11/12/12	Contract SOW
38444-87-0	PCB Congener # 36	0.0026) U	ng/m3	0.0026 107	29/12 - 11/12/12	Contract SOW
38444-90-5	PCB Congener # 37	0.041	ng/m3	0.013 10/	29/12 11/12/12	Contract SOW
53555-66-1	PCB Congener # 38	0.0013 U	ng/m3	0.0013 10/	29/12 11/12/12	Contract SOW
38444-88-1	PCB Congener # 39	0.0026 U	ng/m3	0.0026 10/	29/12 11/12/12	Contract SOW
R4-8001051	PCB Congener # 40 and/or 71	0:075	ng/m3	0.0026 10/	29/12 11/12/12	Contract SOW
52663-59-9	PCB Congener # 41	0.021	ng/m3	0.0013 10/	29/12 11/12/12	Contract SOW
36559-22-5	PCB Congener # 42	0.051	ng/m3	0.0013 10/	29/12 11/12/12	Contract SOW
70362-46-8	PCB Congener # 43	0.012	ng/m3	0.0026 10/	29/12 11/12/12	Contract SOW
R4-8000869	PCB Congener # 44 and/or 47,65	0.34	ng/m3	0.0039 10/	29/12 11/12/12	Contract SOW
R4-8000870	PCB Congener # 45 and/or 51	0.13	ng/m3	0.0026 10/	29/12 11/12/12	Contract SOW
41464-47-5	PCB Congener # 46	0.025	ng/m3	0.0013 10/	29/12 11/12/12	Contract SOW
70362-47-9	. PCB Congener # 48	0.049	ng/m3	0.0013 10/	29/12 11/12/12	Contract SOW
R4-8000871	PCB Congener # 49 and/or 69	0.15	ng/m3	0.0026 10/	29/12 11/12/12	Contract SOW
R4-8000872	PCB Congener # 50 and/or 53	0.059	ng/m3	0.0026 10/	29/12 11/12/12	Contract SOW
35693-99-3	PCB Congener # 52	0.29	ng/m3	0.0013 10/	29/12 11/12/12	Contract SOW
15968-05-5	PCB Congener # 54	0.0038	ng/m3	0.0013 10/	29/12 11/12/12	Contract SOW
74338-24-2	PCB Congener # 55	0.0024	ng/m3	0.0013 10/	29/12 11/12/12	Contract SOW
41464-43-1	PCB Congener # 56	0.024	ng/m3	0.0026 10/	29/12 11/12/12	Contract SOW
70424-67-8	PCB Congener # 57	0.0013 U	ng/m3	0.0013 10/	29/1211/12/12	Contract SOW
41464-49-7	PCB Congener # 58	. 0.0013 U	ng/m3	0.0013 10/	29/12 11/12/12	Contract SOW
R4-8000873	PCB Congener # 59 and/or 62,75	0.020	ng/m3	0.0039 10/	29/12 11/12/12	Contract SOW
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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102312

Station ID: J

Lab ID: <u>C124401-07</u>

Matrix: Ambient Air

Date Collected: 10/23/12 11:15

CAS-			75	1		TO CONTRACT TO THE PROPERTY OF
Nümber	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed Mellivd
33025-41-1	PCB Congener # 60	0.013	ng/m3	0.0026	10/29/12	11/12/12 Contract SOW
R4-8000874	PCB Congener # 61 and/or 70,74,76	0.11	ng/m3	0.0052	10/29/12	11/12/12 Contract SOW
74472-34-7	PCB Congener:#63	0.0033*	ng/m3	0.0033	10/29/12	11/12/12 - Contract SOW
52663-58-8	PCB Congener # 64	0.078	ng/m3	0.0013	10/29/12	11/12/12 Contract SOW
32598-10-0	PCB Congener # 66	0.062	ng/m3	0.0033	10/29/12	11/12/12 Contract SOW
73575-53-8	PCB Congener # 67	0.0027	ng/m3	0.0013	10/29/12	11/12/12 Contract SOW
73575=52-7	PCB Congener # 68	0.018	ng/m3	0.0013	10/29/12	11/12/12   Contract SOW   18/2
41464-42-0	PCB Congener # 72	0.0026 U	ng/m3	0.0026	10/29/12	11/12/12 Contract SOW
74338-23-1	PCB Congener # 73	0.0075	ng/m3	0.0013	10/29/12	11/12/12 Contract SOW
32598-13-3	PCB Congener # 77	. 0.0027	ng/m3	0.0013	10/29/12	11/12/12 Contract SOW
70362-49-1	PCB Congener # 78	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12 Contract SOW
41464-48-6	PCB Congener # 79	0.0026 U	ng/m3	0.0026	10/29/12	11/12/12 Contract SOW
33284-52-5	PCB Congener # 80	0.0026 _° U	eng/m3	0.0026	10/29/12	11/12/12 Contract SOW
70362-50-4	PCB Congener # 81	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12 Contract SOW
52663-62-4	PCB Congener # 82	0.0045	ng/m3	0:0033	10/29/12	11/12/12 Contract SOW
60145-20-2	PCB Congener # 83	0.0026	∙ ng/m3	0.0013	10/29/12	11/12/12 Contract SOW
52663-60-2	PCB Congener # 84	0.017	ng/m3	0.0013	10/29/12	11/12/12 Contract SOW
R4-8000876	PCB Congener # 85 and/or 116,117	0.0081	ng/m3	0.0039	10/29/12	11/12/12 Contract SOW
E52450707	PCB Congener # 86 and/or	0.030	ng/m3	0.0079	10/29/12	11/12/12 Contract SOW
R4-8000878	87:97;109;119;125; PCB Congener # 88 and/or 91	0.012	l ng/m3	0.0026	1000013	11/12/12 Contract SOW
73575-57-2	PCB Congener #89	0.0013	ng/m3		10/29/12	
R4-8000879	PCB Congener # 90 and/or 101,113	0.054		0.0013		
52663-61-3	PCB Congener # 92	0.010	ng/m3	0.0039	10/29/12	11/12/12 Contract SOW
R4-8001052			ng/m3	0.0013	10/29/12	11/12/12 Contract SOW
***************************************	PCB Congener # 93 and/or 100	0.0026 U	ng/m3	0.0026	10/29/12	11/12/12 Contract SOW
73575-55-0	PCB Congener # 94	0.0013 U	ng/m3	0.0013	. 10/29/12	11/12/12 Contract SOW
38379-99-6	PCB Congener # 95	0.064	ng/m3	0.0026	10/29/12	11/12/12 Contract SOW
73575-54-9	PCB Congener # 96	0.0017	ng/m3	0.0013	10/29/12	11/12/12 Contract SOW
R4-8001056	PCB Congener # 98 and/or 102	0.0032	ng/m3	0.0026	10/29/12	11/12/12 Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102312

Station ID: J

Lab ID: <u>C124401-0</u>

Matrix: Ambient Air

Date Collected: 10/23/12 11:15

Date Coll	lected: 10/23/12 11:15				***	vitary	
CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Methods
38380-01-7	PCB Congener # 99	0.024	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
60145-21-3	PCB Congener #103	0.0033 U	ng/m3	0.0033	10/29/12	11/12/12	Contract SOW
56558-16-8	PCB Congener,#104	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
32598-14-4	PCB Congener #105	0.0080	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
70424-69-0	PCB Congener #106	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
70424-68-9	PCB Congener #107	0.0026 U	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
R4-8001053	PCB Congener #108 and/or 124	0.0026 Ú	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
R4-8000882	PCB Congener #110 and/or 115	0.038	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
39635-32-0	PCB Congener #1111	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
74472-36-9	PCB Congener #112	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
74472-37-0	PCB Congener #114 :	- 0.0013 ⊎	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
31508-00-6	PCB Congener #118	0.020	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
68194-12-7	PCB Congener #120	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
56558-18-0	PCB Congener #121	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
76842-07-4	PCB Congener #122	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
65510-44-3	PCB Congener #123	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
57465-28-8	PCB Congener #126	0.0013 ∪	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
39635-33-1	PCB Congener #127	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW .
R4-8000883	PCB Congener #128 and/or 166	0.0026 ⊎	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
R4-8001054	PCB Congener #129 and/or 138,163	0.017	ng/m3	0.0039	10/29/12	11/12/12	Contract SQW
52663-66-8	PCB Congener #130	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
61798-70-7	PCB Congener #131	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
38380-05-1	PCB Congener #132	0.0067	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
35694-04-3	PCB Congener #133	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
52704-70-8	PCB Congener #134	0.0014	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
R4-8001055	PCB Congener #135 and/or 151	0.012	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
38411-22-2	PCB Congener #136	0.0050	ng/m3	0.0013	. 10/29/12	.11/12/12	Contract SOW
35694-06-5	PCB Congener #137	· 0.0013 U .	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
R4-8000887	PCB Congener #139 and/or 140	0.0026 U	ng/m3	0:0026	10/29/12	11/12/12	Contract SOW
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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102312

Station ID: <u>J</u>

Lab ID: <u>C124401-07</u>

Matrix: Ambient Air

Date Collected: 10/23/12 11:15

C.45		Results Qualifiers	Units	MRL	Prepared	Analezed	
Number	Inalyte 1						102
52712-04-6	PCB Congener #141	-0.0035	ng/m3	0:0026	10/29/12	11/12/12	Contract SOW
41411-61-4	PCB Congener #142	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
68194-15-0	PCB Congener #143	- 4 0.0013 U	.ng/m3	0.0013	.10/29/12	11/12/12	Contract SOW
68194-14-9	PCB Congener #144	0.0016	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
74472-40-5	PCB Congener #145	0.0013 U	ng/m3	0.0013	-10/29/12	11/12/12	Contract SOW
51908-16-8	PCB Congener #146	0.0030	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
R4=8000888	PCB Congener #147 and/or 149	0.021	ng/m3	0:0052	10/29/12	11/12/12	Contract SOW
74472-41-6	PCB Congener #148	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
68194-08-1	PCB/Congener#150	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
68194-09-2	PCB Congener #152	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
R4-8000889	PCB Congener #153 and/or/168	0.017	ng/m3	0.0052	10/29/12	11/12/12	Contract SOW
60145-22-4	PCB Congener #154	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
33979-03-2	PCB Congener #155	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
R4-8000890	PCB Congener #156 and/or 157	0.0026 U	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
74472-42-7	PCB Congener #158	0.0016	ng/m3	0.0013	- 10/29/12	11/12/12	Contract SOW
39635-35-3	PCB Congener #159	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
41411-62-5	PCB Congener #160	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
74472-43-8	PCB Congener #161	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
39635-34-2	PCB Congener #162	0.0013: U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
74472-45-0	PCB Congener #164	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
74472-46-1	PCB Congener #165	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
52663-72-6	PCB Congener #167	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
32774-16-6	PCB Congener #169	™	ng/m3	0:0013	10/29/12	11/12/12	Contract SOW
35065-30-6	PCB Congener #170	0.0019	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
R4-8000891	PCB Congener #171 and/or 173	0.0026:⊎	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
52663-74-8	PCB Congener #172	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
38411-25-5	PCB Congener #1/74	0.0031	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
40186-70-7	PCB Congener #175	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
52663-65-7	PCB Congener #176	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102312

Station ID: <u>J</u>

Lab ID: <u>C124401-07</u>

Matrix: Ambient Air

Date Collected: 10/23/12 11:15

CAS	Analyie	Results: Qualifiers	A Chief	1407			Method 3
Number 52663-70-4	PGB Congener #177	1.6.2		July (-1)	1000	A	
52663-70-4	PCB Congener #178	0.0017 ÷	ng/m3 ng/m3	0.0013	and the second	11/12/12	Contract SOW  Contract SOW
S2663-64-6	PCB Congener #179	0.0013	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
R4-8000892	PCB Congener #180 and/or 193	0.0048	ng/m3	0.0013	10/29/12		Contract SOW
74472-47-2	PCB Congener #181	0.0013 0	Eng/m3	0.0013	10/29/12		Contract SOW
60145-23-5	PCB Congener #182	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
R4-8000893	PCB Congener #183 and/or 185	=0.0026 U	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
74472-48-3	PCB Congener #184	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
74472-49-4"	PCB Congener #186	0.0013 U	ing/m3.	0.0013	10/29/12	11/12/12	Contract SOW
52663-68-0	PCB Congener #187	0.0059	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
74487-85-7	PCB Congener #188	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
39635-31-9	PCB Congener #189	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
41411-64-7	PCB Congener #190	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
74472-50-7	PCB Congener #191	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
74472-51-8	PCB Congener #192	0.0013 (J.,	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
35694-08-7	PCB Congener #194	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
52663-78-2	PCB Congener #195	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
42740-50-1	PCB Congener #196	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
R4-8000894	PCB Congener #197 and/or 200	0.0026 ⊍	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
R4-8000895	PCB Congener #198 and/or 199	0.0026 U	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
40186-71-8	PCB Congener #201	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
2136-99-4	PCB Congener #202	0.0020	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
52663-76-0	PCB Congener #203	0.0014	ng/m3	0.0013	10/29/12	11/12/125	Contract SOW
74472-52-9	PCB Congener #204	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
74472-53-0	PCB Congener #205	0.0013 U	ng/m3	0.0013	10/29/12		Contract SOW
40186-72-9	PCB Congener #206	0.0025	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
52663-79-3	PCB Congener #207	. 0:0013,U;;;;;	ng/m3	0.0013	10/29/12		Contract SOW
52663-77-1	PCB Congener #208	0.0018	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
2051-24-3	PCB Congener #209	0.0024	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB Aroclors**

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102312

Station ID: J

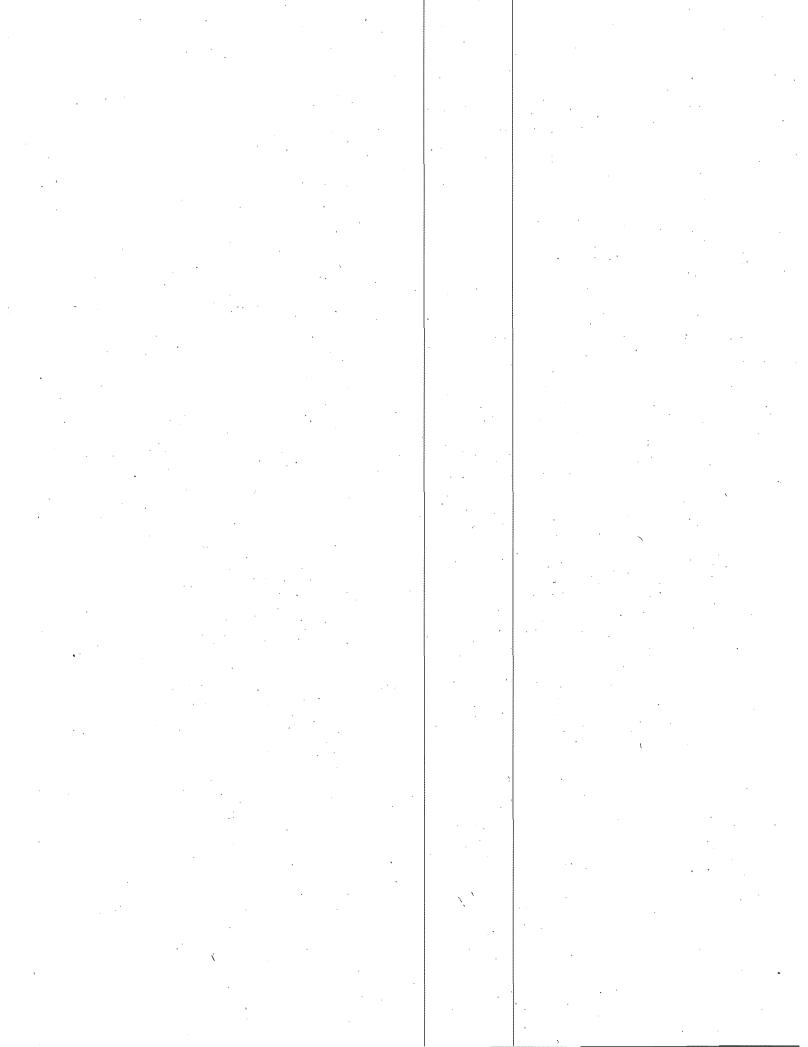
Lab ID: <u>C124401-07</u>

Matrix: Ambient Air

Date Collected: 10/23/12 11:15

Date Con	ected: 10/23/12 11:15	7.0				_	
CAS Number	Analyte	Results Qualifiers	Linits -	MRL	Prepared	Analyzed	Method 2
25429-29-2	Pentachlorobiphenyl (Total)	0.30	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
R4-8001156	TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 0)	0.00014	ng/m3	10000000 - 110000 - 110000 - 110000 - 110000 - 110000 - 110000 - 110000 - 110000 - 110000 - 110000 - 110000 - 1	10/29/12	11/12/12	Contract SOW
R4-8001157	TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 1/2)	0.00027	ng/m3		10/29/12	11/12/12	Contract SOW
R4-8001026	TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98)	0.00040	ng/m3		10/29/12	11/12/12	Contract SOW
R4-8001158	TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x.0)	4.1E-7	ng/m3 _i	2575	10/29/12	11/12/12	Contract SOW
R4-8001159	TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 1/2)	4.1E-6	ng/m3		10/29/12	11/12/12	Contract SOW
R4-8001027	TEQ (Fish Toxic, Equiv. for PCBs, WHO TEQ-98)	7.7E-6	ng/m3		10/29/12	11/12/12	Contract SOW
R4-8001161	TEQ (Mammal for PCBs WHO TEQ-05) (TEF is RL x 1/2)	8.7E-5	ng/m3		10/29/12	11/12/12	Contract SOW
R4-8001160	TEQ (Mammal for PCBs, WHO TEQ-05) (TEF is RL x 0)	1.1E-6	ng/ta3	The state of the s	10/29/12	11/12/12	Contract SOW
R4-8000909	TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05)	0.00017	ng/m3	7,74	10/29/12	11/12/12	Contract SOW
.6914-33-0	Tetrachlorobiphenyl (Total)	1.6	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
336-36-3	Total PCBs	8.1	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
25323-68-6	Trichlorobiphenyl (Total)	2.9	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036; Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102412

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Station ID: <u>J</u>

Lab ID: <u>C124401-08</u>

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

Date Coll	ected: 10/24/12 11:32	1	1.0	# 200 A 1944			70 mm
CAS Number	Analyte	Results Qualifiers	Units	MRL	Propared	Andvzed	Method
25512-42-9	Dichlorobiphenyl (Total)	2.8	ng/m3.	0.0014	10/29/12	11/12/12	Contract SOW
28655-71-2	Heptachlorobiphenyl (Total)	0.028	ng/m3	0.0014	10/29/12	. 11/12/12	Contract SOW
26601-64-9	Hexachlorobiphenyl (Total)	0.11	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
27323-18-8	Monochlorobiphenyl (Total)	0.63	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
53742-07-7	Nonachlorobiphenyl (Total)	0:0048	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
55722-26-4	Octachlorobiphenyl (Total)	0.0077	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
2051-60-7	PCB Congener # 1	0.57	ng/m3	0.0035	10/29/12	11/12/12	Contract SOW
2051-61-8	PCB Congener # 2	0.011	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
2051-62-9	PCB Congener # 3	0.051	ng/m3	0,0014	10/29/12	11/12/12	Contract SOW
13029-08-8	PCB Congener # 4	1.0	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
16605-91-7	PCB Congener # 5	0.022	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
25569-80-6	PCB Congener # 6	0.21	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
33284-50-3	PCB Congener # 7	0.14	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
34883-43-7	PCB Congener # 8	0.81	ng/m3	0.014	10/29/12	11/12/12	Contract SOW
34883-39-1	PCB Congener #/ 9	0.074	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
33146-45-1	PCB Congener # 10	0.16	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
2050-67-1	PCB Congener # 11	0.088	ng/m3	0.035	10/29/12	11/12/12	Contract SOW
R4-8000863	PCB Congener # 12 and/or 13	0.028	ng/m3	0.0056	10/29/12	11/12/12	Contract SOW
34883-41-5	PCB Congener # 14	0.0070	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
2050-68-2	PCB Congener # 15	0.18	ng/m3	0.014	10/29/12	11/12/12	Contract SOW
38444-78-9	PCB Congener # 16	0.20	. ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
37680-66-3	PCB Congener # 17	0.30	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
R4-8000864	PCB Congener # 18 and/or 30	0.54	ng/m3.	0.0028	10/29/12	11/12/12	Contract SOW
38444-73-4	PCB Congener # 19	0.23	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
R4-8000865	PCB Congener # 20 and/or 28	0.35	ng/m3	0.014	10/29/12	11/12/12	Contract SOW
R4-8000866	PCB Congener # 21 and/or 33	0.20	ng/m3	0.0056	10/29/12	11/12/12	Contract SOW
38444-85-8	PCB Congener # 22	0.11	ng/m3	0.0028	- 10/29/12	11/12/12	Contract SOW
55720-44-0	PCB Congener # 23	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102412

Station ID: <u>J</u>

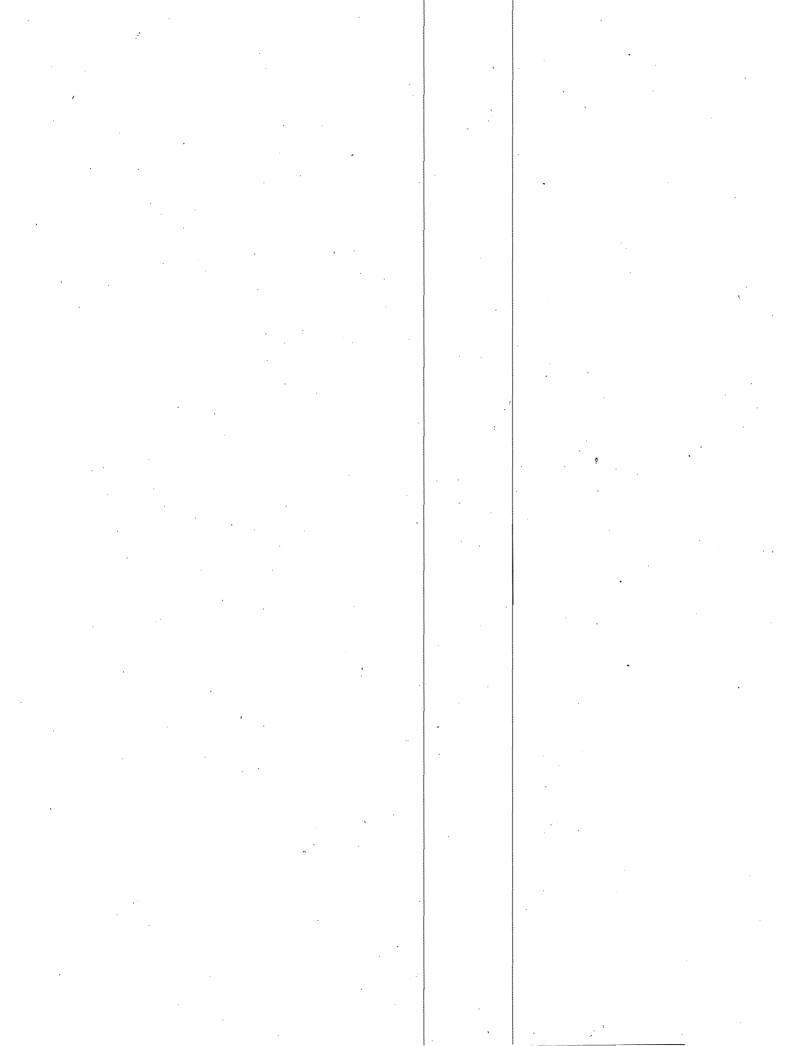
Lab ID: <u>C124401-08</u>

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

CAS			1. S. W.				
Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method in the second
55702-45-9	PCB Congener # 24	0.014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW 7
55712-37-3	PCB Congener # 25	0.031	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
R4-8000867	PCB Congener # 26 and/or 29	0.072	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
38444-76-7	PCB Congener # 27	0.061	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
16606-02-3	PCB Congener # 31	0.32	ng/m3	0.0071	10/29/12	11/12/12	Contract SOW=
38444-77-8	PCB Congener # 32	0.14	ng/m3	0.0014	1,0/29/12	11/12/12	Contract SOW
37680-68-5	PCB Congener # 34.	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
37680-69-6	PCB Congener # 35	0.0028 U	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
38444-87-0	PCB Congener # 36	0.0028 Um January Pres	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
38444-90-5	PCB Congener # 37	0.036	ng/m3	0.014	10/29/12	11/12/12	Contract SOW
53555-66-1	PCB Congener # 38	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
38444-88-1	PCB Congener # 39	0.0028 U	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
R4-8001051	PCB Congener # 40 and/or 71	0.063 J, QI=1	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
52663-59-9	PCB Congener # 41	0.017 J, QI-1	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
36559-22-5	PCB Congener # 42	0.042 J, QI-1	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
70362-46-8	PCB Congener # 43	, 0.010 J, QI-1	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
R4-8000869	PCB Congener # 44 and/or 47,65	-0.41 J. QI-1	.ng/m3	0.0042	10/29/12,	11/12/12	Contract SOW
R4-8000870	PCB Congener # 45 and/or 51	0.14 J, QI-I	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
41464-47-5	PCB Congener # 46	0.022 J. QI-1	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
70362-47-9	PCB Congener # 48	0.040 J. QI-1	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
R4-8000871	- PCB Congener # 49 and/or 69	0.13 J. QI-1.	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
R4-8000872	PCB Congener # 50 and/or 53	0.050 J, QI-1	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
35693-99-3	PCB Congener # 52	0.27 J, QET	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
15968-05-5	PCB Congener # 54	0.0035	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
74338-24-2	PCB Congener # 55	0.0021 J. QI-1	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
41464-43-1	PCB Congener # 56	0.023 J, QI-1	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
70424-67-8	PCB Congener # 57	0.0014 J. QI-1-	ng/m3	0:0014	10/29/12	11/12/12	Contract SOW
41464-49-7	PCB Congener # 58	. 0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
R4-8000873	PCB Congener # 59 and/or 62,75	0.018 J. QI-1	ng/m³3	0.0042	10/29/12	11/12/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102412

. . . . . . . . .

Station ID: J

Lab ID: C124401-08

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

Date Conc	ected: 10/24/12 11:52		Na and Area	00000000000000000000000000000000000000			
CAS Number	Analyte	Results Qualifiers	Units.	MRL	Prepared	Analyzed	Method
33025-41-1	PCB Congener # 60	0.012 J. Qt-1	, ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
R4-8000874	PCB Congener # 61 and/or 70,74,76	0.10 J, QI-1	ng/m3	0.0056	10/29/12	11/12/12	Contract SOW
74472-34-7	PCB Congener # 63	0,0035 U	ng/m3	0.0035	10/29/12	11/12/12	Contract SOW,
52663-58-8	PCB Congener # 64	0.066 J, QI-1	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
32598-10-0	PCB Congener # 66	0:058 J, QI-I	.ng/m3	0:0035	10/29/12	11/12/12	Contract SOW -
73575-53-8	PCB Congener # 67	0.0022 J. QI-1	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
73575-52-7	PCB Congener # 68	0.021 J, QI-1	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
41464-42-0	PCB Congener # 72	0.0028 U	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
74338-23-1	PCB Congener # 73	0.0098 J, QI:I	ng/m3	0.0014	10/29/125	11/12/12	Contract SOW
32598-13-3	PCB Congener # 77	0.0030 J, QI-1	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
70362-49-1	PCB Congener # 78	0.0014 (U=)	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
41464-48-6	PCB Congener # 79	0.0028 U	, ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
33284-52-5	PCB Congener # 80	0.0028 U	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
70362-50-4	PCB Congener # 81	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
52663-62-4	PGB Congener # 82	0.0048	ng/m3	0:0035	10/29/12	11/12/12	Contract SOW
60145-20-2	PCB Congener # 83	0.0028	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
52663-60-2	PCB Congener # 84	0.018	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW.
R4-8000876	PCB Congener # 85 and/or 116,117	0.0095	ng/m3	0.0042	10/29/12	11/12/12	Contract SOW
Ê52450707	PCB Congener # 86 and/or	0:036	ng/m3	0.0085	10/29/12	11/12/12	Contract SOW
R4-8000878	87,97,109,119,125 PCB Congener # 88 and/or 91	0.012	ng/m3	0.0079	10/20/12	11/12/12	Company of the control of the contro
73575-57-2	PCB Congener # 89	0.012 0.0014-U	ng/m3	0.0028 0.0014	10/29/12 10/29/12		Contract SOW
R4-8000879	PCB Congener # 90 and/or 101,113	0.065	ng/m3	0.0014	2000 200 200 100 200 200 200 200 200 200	11/12/12	
52663-61-3	PCB Congener # 90 and of 101,113	0.003	ng/m3	0.0042	10/29/12		Contract SOW
R4-8001052	PCB Congener # 93 and/or 100	0.0028 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
73575-55-0	PCB Congener # 94 is	0.0014 U	ng/m3	0.0028			Contract SOW
38379-99-6	PCB Congener # 95	0.071	ng/m3	0.0014			
·	PCB Congener # 95			Salah dan Karang Karang Panggan Tanggan	10/29/12	11/12/12	Contract SOW
73575-54-9		0.0015	ng/m3	0.0014			Contract SOW
R4-8001056	PCB Congener # 98 and/or 102	0.0033	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW



Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB Aroclors**

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102412

Station ID: <u>J</u>

Lab ID: <u>C124401-08</u>

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

Name	CAS		(A) (B)					
PCB Congener #103		Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed Method	
25558-1658   PCB Congener#104   0.00141   rg/m3   0.0014   10/29/12   11/2/12   Contract SOW     32598-14-4   PCB Congener#105   0.010   ng/m3   0.0014   10/29/12   11/2/12   Contract SOW     70424-69-9   PCB Congener#107   0.0028 U   ng/m3   0.0028   10/29/12   11/2/12   Contract SOW     70424-69-9   PCB Congener#107   0.0028 U   ng/m3   0.0028   10/29/12   11/2/12   Contract SOW     70424-69-9   PCB Congener#108   0.0028 U   ng/m3   0.0028   10/29/12   11/2/12   Contract SOW     70424-69-9   PCB Congener#108   0.0028 U   ng/m3   0.0028   10/29/12   11/2/12   Contract SOW     70424-69-9   PCB Congener#108   0.0015   ng/m3   0.0028   10/29/12   11/2/12   Contract SOW     7048-800082   PCB Congener#11   0.0045   ng/m3   0.0014   10/29/12   11/2/12   Contract SOW     70472-36-9   PCB Congener#11   0.0014 U   ng/m3   0.0014   10/29/12   11/2/12   Contract SOW     70472-37-0   PCB Congener#12   0.0014 U   ng/m3   0.0014   10/29/12   11/2/12   Contract SOW     70472-37-0   PCB Congener#13   0.0014 U   ng/m3   0.0014   10/29/12   11/2/12   Contract SOW     70482-07-4   PCB Congener#12   0.0014 U   ng/m3   0.0014   10/29/12   11/2/12   Contract SOW     70482-07-4   PCB Congener#12   0.0014 U   ng/m3   0.0014   10/29/12   11/2/12   Contract SOW     70482-07-4   PCB Congener#12   0.0014 U   ng/m3   0.0014   10/29/12   11/2/12   Contract SOW     70482-07-4   PCB Congener#12   0.0014 U   ng/m3   0.0014   10/29/12   11/2/12   Contract SOW     70482-07-4   PCB Congener#12   0.0014 U   ng/m3   0.0014   10/29/12   11/2/12   Contract SOW     70482-07-4   PCB Congener#13   0.0014 U   ng/m3   0.0014   10/29/12   11/2/12   Contract SOW     70482-07-4   PCB Congener#13   0.0014 U   ng/m3   0.0014   10/29/12   11/2/12   Contract SOW     70482-07-4   PCB Congener#13   0.0014 U   ng/m3   0.0014   10/29/12   11/2/12   Contract SOW     70482-08-3   PCB Congener#13   0.0014 U   ng/m3   0.0014   10/29/12   11/2/12   Contract SOW     70482-08-3   PCB Congener#13   0.0014 U   ng/m3   0.0014   10/29/12   11/2/12   Contract SOW     70482-	38380-01-7	PCB Congener #99	0.028	ng/m3	0.0014	10/29/12	11/12/12 Contract SOW	
PCB Congener #105   0.010   ng/m3   0.0014   10/29/12   11/12/12   Contract SOW	60145-21-3	PCB Congener #103	0.0035 U	ng/m3	0.0035	10/29/12	11/12/12 Contract SOW	PROGRAMME
Total   Tota	56558-16-8	PCB Congener #104	0:0014 D	ng/m3	0.0014	10/29/12	11/12/12 Contract SOW	
Total   Tota	32598-14-4	PCB Congener #105	0.010	ng/m3	0.0014	10/29/12	11/12/12 Contract SOW	W-Constraint
R4-8001053 PCB Congener,#108.and/or124 0.0028 U ng/m3 0.0028 10/29/12 11/12/12 Contract SOW R4-8000882 PCB Congener #110 and/or 115 0.045 ng/m3 0.0028 10/29/12 11/12/12 Contract SOW 139635-32-0 PCB Congener #111 0.0014-1 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 1472-36-9 PCB Congener #112 0.0014-U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 1472-37-0 PCB Congener #114 0.0014-1U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 131508-00-6 PCB Congener #118 0.025 ng/m3 0.0028 10/29/12 11/12/12 Contract SOW 68194-12-7 PCB Congener #120 0.0014-1U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 156558-18-0 PCB Congener #121 0.0014-U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 156550-14-4 PCB Congener #123 0.0014-U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 156550-4-43 PCB Congener #123 0.0014-U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 15745-21-8-3 PCB Congener #127 0.0014-U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 15745-21-8-3 PCB Congener #127 0.0014-U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 15745-21-8-3 PCB Congener #127 0.0014-U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 15745-21-8-3 PCB Congener #128 and/or 158 0.0014-U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 15745-21-8-3 PCB Congener #129 and/or 138.163 0.023 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 15845-0-4-4 PCB Congener #129 and/or 138.163 0.023 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 15845-0-4-4 PCB Congener #131 0.0014-U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 15845-0-4-4 PCB Congener #133 0.0014-U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 15845-0-4-3 PCB Congener #133 0.0014-U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 15845-0-4-3 PCB Congener #133 0.0014-U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 15840-0-4-3 PCB Congener #133 0.0014-U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 15840-0-4-3 PCB Congener #133 0.0014-U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 15840-0-4-3 PCB Congener #133 0.0014-U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 15840-0-5 PCB Congener #135 and/or 151 0.013 ng/m3 0.0014 10/29/12 11/12/12 Contract SO	70424-69-0	PCB Congener #106.	0.0014 U	ng/m3 ^a	0.0014	10/29/12	11/12/12 Contract SOW	
R4-8000882 PCB Congener #110 and/or 115 0.045 ng/m3 0.0028 10/29/12 11/12/12 Contract SOW 39635-32-0 PCB Congener #111 0:0014 II ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 74472-36-9 PCB Congener #112 0.0014 IU ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 74472-37-0 PCB Congener #114 0:0014 IU ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 31508-00-6 PCB Congener #118 0.025 ng/m3 0.0028 10/29/12 11/12/12 Contract SOW 68194-12-7 PCB Congener #120 0:0014 IU ng/m3 0:0014 10/29/12 11/12/12 Contract SOW 6858-18-0 PCB Congener #121 0:0014 IU ng/m3 0:0014 10/29/12 11/12/12 Contract SOW 76842-07/4 PCB Congener #123 0:0014 IU ng/m3 0:0014 10/29/12 11/12/12 Contract SOW 65510-44-3 PCB Congener #123 0:0014 IU ng/m3 0:0014 10/29/12 11/12/12 Contract SOW 57465-28-8 PCB Congener #127 0:0014 IU ng/m3 0:0014 10/29/12 11/12/12 Contract SOW 39635-33-1 PCB Congener #127 0:0014 IU ng/m3 0:0014 10/29/12 11/12/12 Contract SOW R4-8000883 PCB Congener #128 and/or 166 0:0028/II ng/m3 0:0044 10/29/12 11/12/12 Contract SOW 52663-66-8 PCB Congener #131 0:0016 ng/m3 0:0014 10/29/12 11/12/12 Contract SOW 6198-70-7 PCB Congener #131 0:0014 IU ng/m3 0:0014 10/29/12 11/12/12 Contract SOW 38380-05-1 PCB Congener #133 0:0014 IU ng/m3 0:0014 10/29/12 11/12/12 Contract SOW 52663-66-8 PCB Congener #133 0:0014 IU ng/m3 0:0014 10/29/12 11/12/12 Contract SOW 38380-05-1 PCB Congener #133 0:0014 II ng/m3 0:0014 10/29/12 11/12/12 Contract SOW 52603-66-8 PCB Congener #133 0:0014 II ng/m3 0:0014 10/29/12 11/12/12 Contract SOW 52604-06-5 PCB Congener #135 0:0018 II 0:0018 II ng/m3 0:0028 10/29/12 11/12/12 Contract SOW 52604-06-5 PCB Congener #137 0:0014 II ng/m3 0:0014 10/29/12 11/12/12 Contract SOW 52604-06-5 PCB Congener #137 0:0014 II ng/m3 0:0014 10/29/12 11/12/12 Contract SOW 52604-06-5 PCB Congener #137 0:0014 II ng/m3 0:0014 10/29/12 11/12/12 Contract SOW 52604-06-5 PCB Congener #137 0:0014 II ng/m3 0:0014 10/29/12 11/12/12 Contract SOW 52604-06-5 PCB Congener #137 0:0014 II ng/m3 0:0014 10/29/12 11/12/12 Contract SOW 52604-06-5 PCB Congener #137 0:0014	70424-68-9	PCB Congener #107	0.0028 U	ng/m3	0.0028	10/29/12	11/12/12 Contract SOW	
19635-32-0   PCB Congener #UT   0.0014 U   ng/m3   0.0014   10/29/12   11/12/12   Contract SOW	R4-8001053	PCB Congener #108 and/or 124	0:0028 U	ng/m3 ===	0.0028	10/29/12	11/12/12 Contract SOW	
74472-36-9 PCB Congener #112 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 74472-37-0 PCB Congener.#114 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 31508-00-6 PCB Congener #118 0.025 ng/m3 0.0028 10/29/12 11/12/12 Contract SOW 68194-12-7 PCB Congener #120 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 56558-18-0 PCB Congener #121 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 76842-07-4 PCB Congener #123 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 57465-28-8 PCB Congener #123 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 76843-07-4 PCB Congener #126 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 76845-28-8 PCB Congener #127 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 76845-28-8 PCB Congener #128 and/or 166 0.0028 U ng/m3 0.0028 10/29/12 11/12/12 Contract SOW 7663-66-8 PCB Congener #129 and/or 138,163 0.023 ng/m3 0.0042 10/29/12 11/12/12 Contract SOW 7663-66-8 PCB Congener #130 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 7663-66-8 PCB Congener #131 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 7663-66-8 PCB Congener #133 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 7663-66-8 PCB Congener #133 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 7663-66-8 PCB Congener #134 0.0018 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 7664-04-3 PCB Congener #134 0.0018 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 7664-04-3 PCB Congener #134 0.0018 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 7664-04-3 PCB Congener #135 and/or 151 0.013 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 7664-06-5 PCB Congener #137 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 7664-06-5 PCB Congener #137 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 7664-06-5 PCB Congener #137 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 7664-06-5 PCB Congener #137 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 7664-06-5 PCB Congener #137 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 7664-06-5 PCB Congener #137 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Co	R4-8000882	PCB Congener #110 and/or 115	0.045	ng/m3	0.0028	10/29/12	11/12/12 Contract SOW	
74472537-0 PCB Congener #114 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 31508-00-6 PCB Congener #118 0.025 ng/m3 0.0028 10/29/12 11/12/12 Contract SOW 68194-12-7 PCB Congener #120 0.0014-1) ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 56558-18-0 PCB Congener #121 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 76842-07-4 PCB Congener #122 0.0014-1 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 76842-07-4 PCB Congener #123 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 57465-28-8 PCB Congener #126 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 39635-33-1 PCB Congener #127 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 39635-33-1 PCB Congener #128 and/or 166 0.0028*U ng/m3 0.0028 10/29/12 11/12/12 Contract SOW R4-8001054 PCB Congener #129 and/or 138,163 0.023 ng/m3 0.0042 10/29/12 11/12/12 Contract SOW 9C663-66-8 PCB Congener #130 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 9C663-66-8 PCB Congener #131 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 38380-05-1 PCB Congener #133 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 38380-05-1 PCB Congener #133 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 38380-05-1 PCB Congener #133 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 38380-05-1 PCB Congener #134 0.0018 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 36594-04-3 PCB Congener #135 and/or 151 0.013 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 36594-06-5 PCB Congener #136 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 36594-06-5 PCB Congener #136 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 36594-06-5 PCB Congener #136 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 36594-06-5 PCB Congener #136 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 36594-06-5 PCB Congener #136 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 36594-06-5 PCB Congener #136 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 36594-06-5 PCB Congener #136 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 36594-06-5 PCB Congener #136 0.0014 U ng/m3 0.0014	39635-32-0	2 PCB Congener #111	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12 Contract SOW	
31508-00-6   PCB Congener #118   0.025   ng/m3   0.0028   10/29/12   11/12/12   Contract SOW				ng/m3	0.0014	10/29/12	11/12/12 Contract SOW	NAMES OF PERSONS
88194-12-7 PCB Congener #120 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 56558-18-0 PCB Congener #121 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 65510-44-3 PCB Congener #123 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 57465-28-8 PCB Congener #126 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 3635-33-1 PCB Congener #127 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 848-8001054 PCB Congener #128 and/or 166 0.0028*II ng/m3 0.0028 10/29/12 11/12/12 Contract SOW 848-8001054 PCB Congener #130 0.0016 ng/m3 0.0042 10/29/12 11/12/12 Contract SOW 61798-70-7 PCB Congener #131 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 61798-70-7 PCB Congener #132 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 61798-70-7 PCB Congener #133 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 61798-70-7 PCB Congener #133 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 61798-70-7 PCB Congener #133 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 61798-70-7 PCB Congener #133 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 61798-70-8 PCB Congener #134 0.0018 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 61798-70-18 PCB Congener #134 0.0018 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 61798-70-18 PCB Congener #135 and/or 151 0.013 ng/m3 0.0028 10/29/12 11/12/12 Contract SOW 61794-7018 PCB Congener #135 and/or 151 0.013 ng/m3 0.0028 10/29/12 11/12/12 Contract SOW 618411-22-2 PCB Congener #135 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 618411-22-2 PCB Congener #136 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 618411-22-2 PCB Congener #136 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 618411-22-2 PCB Congener #137 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 618411-22-2 PCB Congener #137 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 618411-22-2 PCB Congener #137 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 618411-22-2 PCB Congener #137 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 618411-22-2 PCB Congener #137 0.0014 U ng/m3 0	74472-37-0	PCB Congener #114	0.0014.U	ng/m3	0.0014	10/29/12	11/12/12 Contract SOW	
56558-18-0         PCB Congener #121         0.0014 U         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW           76842-07-4         PCB Congener #122         0.0014 U         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW           65510-44-3         PCB Congener #123         0.0014 U         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW           57465-28-8         PCB Congener #126         0:0014 U         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW           39635-33-1         PCB Congener #127         0.0014 U         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW           R4-8001054         PCB Congener #129 and/or 138,163         0.023         ng/m3         0.0042         10/29/12         11/12/12         Contract SOW           82663-66-8         PCB Congener #130         0.0016         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW           83830-05.1         PCB Congener #131         0.0014 U         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW           82704-7018         PCB Congener #133         0.0014 U         ng/m3         0.001	31508-00-6			ng/m3	0.0028	10/29/12	11/12/12 Contract SOW	
76842-07-4 PCB Congener #122 0:0014-U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 65510-44-3 PCB Congener #123 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 57465-28-8 PCB Congener #126 0:0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 39635-33-1 PCB Congener #127 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW R4-8000883 PCB Congener #128 and/or 166 0.0028 U ng/m3 0.0028 10/29/12 11/12/12 Contract SOW R4-8001054 PCB Congener #129 and/or 138,163 0.023 ng/m3 0.0042 10/29/12 11/12/12 Contract SOW 52663-66-8 PCB Congener #130 0.0016 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 61798-70-7 PCB Congener #131 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 38380-05-1 PCB Congener #132 0.0087 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 52704-70-18 PCB Congener #134 0.0018 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 72704-70-18 PCB Congener #135 and/or 151 0.013 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 72704-70-18 PCB Congener #135 and/or 151 0.013 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 72704-70-18 PCB Congener #135 and/or 151 0.013 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 72704-70-18 PCB Congener #135 and/or 151 0.013 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 72704-70-18 PCB Congener #135 and/or 151 0.013 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 72704-70-18 PCB Congener #135 and/or 151 0.013 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 72704-70-18 PCB Congener #136 0.0057 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 72704-70-18 PCB Congener #136 0.0057 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 72704-70-18 PCB Congener #136 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 72704-70-18 PCB Congener #136 0.0057 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 72704-70-18 PCB Congener #136 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 72704-70-18 PCB Congener #136 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 72704-70-18 PCB Congener #136 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 72704-70-18 PCB Congener #136 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 7270	68194-12-7	PCB Congener #120	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12 Contract SOW	
65510-44-3         PCB Congener #123         0.0014 U         ng/m3         0.0014 10/29/12 11/12/12 Contract SOW           57465 28-8         PCB Congener #126         0.0014 U         ng/m3         0.0014 10/29/12 11/12/12 Contract SOW           39635-33-1         PCB Congener #127         0.0014 U         ng/m3         0.0014 10/29/12 11/12/12 Contract SOW           R4-8000883         PCB Congener #128 and/or 166         0.0028*U         ng/m3         0.0028 10/29/12 11/12/12 Contract SOW           R4-8001054         PCB Congener #129 and/or 138,163         0.023         ng/m3         0.0042 10/29/12 11/12/12 Contract SOW           52663-66-8         PCB Congener #130         0.0016         ng/m3         0.0014 10/29/12 11/12/12 Contract SOW           61798-70-7         PCB Congener #131         0.0014 U         ng/m3         0.0014 10/29/12 11/12/12 Contract SOW           38380-05-1         PCB Congener #132         0.0087         ng/m3         0.0014 10/29/12 11/12/12 Contract SOW           52704-70-8         PCB Congener #134         0.0018         ng/m3         0.0014 10/29/12 11/12/12 Contract SOW           R4-8001055         PCB Congener #136         0.0018         ng/m3         0.0014 10/29/12 11/12/12 Contract SOW           38411-22-2         PCB Congener #136         0.0057         ng/m3         0.0014 10/29/12 11/12/12 Contract SOW<	56558-18-0			ng/m3	0.0014	10/29/12	11/12/12 Contract SOW	escandorum
57465-28-8         PCB Congener #126         0:0014 U         ng/m3         0:0014 10/29/12         Ft/12/12         Contract SOW           39635-33-1         PCB Congener #127         0.0014 U         ng/m3         0.0014 10/29/12         11/12/12         Contract SOW           R4-8000883         PCB Congener #128 and/or 166         0.0028*10         ng/m3         0.0028         10/29/12         11/12/12         Contract SOW           R4-8001054         PCB Congener #129 and/or 138,163         0.023         ng/m3         0.0042         10/29/12         11/12/12         Contract SOW           52663-66-8         PCB Congener #130         0.0016         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW           61798-70-7         PCB Congener #131         0.0014 U         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW           38380-05-1         PCB Congener #132         0.0087         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW           35694-04-3         PCB Congener #133         0.0014 U         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW           R4-8001055         PCB Congener #135         0.0018         ng/m3         0.0028         10/29/1	76842-07-4	PCB Congener #122	0.0014(U)	ng/m3	0.0014	10/29/12	11/12/12 Contract SOW	
39635-33-1         PCB Congener #127         0.0014 U         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW           R4-8000883         PCB Congener #128 and/or 166         0.0028 iU         ng/m3         0.0028         10/29/12         11/12/12         Contract SOW           R4-8001054         PCB Congener #129 and/or 138,163         0.023         ng/m3         0.0042         10/29/12         11/12/12         Contract SOW           52663-66-8         PCB Congener #130         0.0016         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW           61798-70-7         PCB Congener #131         0.0014 U         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW           38380-05 I         PCB Congener #132         0.0087         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW           35694-04-3         PCB Congener #133         0.0014 U         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW           84-8001055         PCB Congener #136         0.0018         ng/m3         0.0028         10/29/12         11/12/12         Contract SOW           38411-22-22         PCB Congener #136         0.0057         ng/m3 <t< td=""><td>65510-44-3</td><td></td><td>0.0014 U</td><td>ng/m3</td><td>0.0014</td><td>10/29/12</td><td>11/12/12 Contract SOW</td><td>**********</td></t<>	65510-44-3		0.0014 U	ng/m3	0.0014	10/29/12	11/12/12 Contract SOW	**********
R4-8000883 PCB Congener #128 and/or 166 0.0028 11 ng/m3 0.0028 10/29/12 11/12/12 Contract SOW R4-8001054 PCB Congener #129 and/or 138,163 0.023 ng/m3 0.0042 10/29/12 11/12/12 Contract SOW S2663-66-8 PCB Congener #130 0.0016 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 61798-70-7 PCB Congener #131 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 38380-05-1 PCB Congener #132 0.0087 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 35694-04-3 PCB Congener #133 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 52704-70-18 PCB Congener #134 0.0018 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW R4-8001055 PCB Congener #135 and/or 151 0.013 ng/m3 0.0028 10/29/12 11/12/12 Contract SOW 38411-22-2 PCB Congener #136 0.0057 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 35694-06-5 PCB Congener #137 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW	57465-28-8	PCB Congener #126	0:0014 U	ng/m3	0.0014	10/29/12	11/12/12 ** Contract SOW	
R4-8001054 PCB Congener #129 and/or 138,163 0.023 ng/m3 0.0042 10/29/12 11/12/12 Contract SOW 52663-66-8 PCB Congener #130 0.0016 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 61798-70-7 PCB Congener #131 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 38380-05-1 PCB Congener #132 0.0087 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 35694-04-3 PCB Congener #133 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 52704-70-8 PCB Congener #134 0.0018 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW R4-8001055 PCB Congener #135 and/or 151 0.013 ng/m3 0.0028 10/29/12 11/12/12 Contract SOW 38411-22-2 PCB Congener #136 0.0057 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 35694-06-5 PCB Congener #137 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 3694-06-5 PCB Congener #137 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 3694-06-5 PCB Congener #137 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW						10/29/12		loka <b>aaaa</b>
52663-66-8         PCB Congener #130         0.0016         ng/m3         0:0014         10/29/12         11/12/12         Contract SOW           61798-70-7         PCB Congener #131         0.0014 U         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW           38380-05-1         PCB Congener #132         0.0087         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW           35694-04-3         PCB Congener #133         0.0014 U         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW           52704-70-8         PCB Congener #134         0.0018         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW           R4-8001055         PCB Congener #135 and/or 151         0.013         ng/m3         0.0028         10/29/12         11/12/12         Contract SOW           38411-22-2         PCB Congener #136         0.0057         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW           35694-06-5         PCB Congener #137         0.0014 U         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW	22.002.00	PCB Congener #128 and/or 166	0.0028 U	ng/m3%	0.0028	10/29/12	11/12/12 Contract SOW	1
61798-70-7         PCB Congener #131         0.0014 U         ng/m3         0.0014 10/29/12         11/12/12         Contract SOW           38380-05-1         PCB Congener #132         0.0087         ng/m3         0.0014 10/29/12         11/12/12         Contract SOW           35694-04-3         PCB Congener #133         0.0014 U         ng/m3         0.0014 10/29/12         11/12/12         Contract SOW           52704-70-8         PCB Congener #134         0.0018         ng/m3         0.0014 10/29/12         11/12/12         Contract SOW           R4-8001055         PCB Congener #135 and/or 151         0.013         ng/m3         0.0028 10/29/12         11/12/12         Contract SOW           38411-22-2         PCB Congener #136         0.0057         ng/m3         0.0014 10/29/12         11/12/12         Contract SOW           35694-06-5         PCB Congener #137         0.0014 U         ng/m3         0.0014 10/29/12         11/12/12         Contract SOW	CANADA CONTRACTOR DE MONTO CONTRACTOR DE CON	-						2017238X
38380-05-1 PCB Congener #132 0.0087 24 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 35694-04-3 PCB Congener #133 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 52704-70-8 PCB Congener #134 0.0018 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW R4-8001055 PCB Congener #135 and/or 151 0.013 ng/m3 0.0028 10/29/12 11/12/12 Contract SOW 38411-22:2 PCB Congener #136 0.0057 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 35694-06-5 PCB Congener #137 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW				ng/m3.	0.0014	10/29/12	11/12/12 Contract SOW	
35694-04-3 PCB Congener #133 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 52704-70-18 PCB Congener #134 0.0018 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW R4-8001055 PCB Congener #135 and/or 151 0.013 ng/m3 0.0028 10/29/12 11/12/12 Contract SOW 38411-22-2 PCB Congener #136 0.0057 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 35694-06-5 PCB Congener #137 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW				· •		10/29/12	11/12/12 Contract SOW	OMERCAL.
52704-70-8         PCB Congener #134         0.0018!         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW           R4-8001055         PCB Congener #135 and/or 151         0.013         ng/m3         0.0028         10/29/12         11/12/12         Contract SOW           38411-22:2         PCB Congener #136         0.0057         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW           35694-06-5         PCB Congener #137         0.0014 U         ng/m3         0.0014         10/29/12         11/12/12         Contract SOW	2		The residual ACC Con-			ilida atla din		
R4-8001055 PCB Congener #135 and/or 151 0.013 ng/m3 0.0028 10/29/12 11/12/12 Contract SOW 38411-22:2 PCB Congener #136 0.0057 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 35694-06-5 PCB Congener #137 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW		,						
38411-22:2 PCB Congener #136 0.0057 ng/m3 0.0014 10/29/12 11/12/12 Contract SOW 35694-06-5 PCB Congener #137 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW			and the second s		0.0014	10/29/12	FI/I2/12 Contract SOW	
35694-06-5 PCB Congener #137 0.0014 U ng/m3 0.0014 10/29/12 11/12/12 Contract SOW	R4-8001055							
	2		A TO SERVICE A S		0.0014	10/29/12	11/12/12 Contract SOW	
R4-8000887 PCB Congener #139 and/or 140 0.0028 U ng/m3 0.0028 10/29/12 11/12/12 Contract SOW	35694-06-5							
	R4-8000887	PCB:Congener #139 and/or 140	0.0028 L	ng/m3	0.0028	10/29/12	11/12/12 Contract SOW	

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102412

Jampie 1D. <u>JAA10241</u>

Station ID:  $\underline{J}$ 

Lab ID: <u>C124401-08</u>

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

CAS Nümber	Arabre	Results Qualifiers	Units :	[†] - MRI.	Prepared	Ahalyzed	Method
52712-04-6	PCB Congener #141	0.0043	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
41411-61-4	PCB Congener #142	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
68194-15-0	PCB Congener #143	0.0014°U - App	ng/m3	0:0014	10/29/12	-11/12/12	Contract SOW
68194-14-9	PCB Congener #144	0.0018	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
74472-40-5	PCB Congener #145	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
51908-16-8	PCB Congener #146	0.0040	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
R4-8000888	PCB Congener #147 and/or 149	0.026	ng/m3	0.0056	10/29/12	11/12/12	Contract SOW
74472-41-6	PCB Congener #148	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
68194-08-1	PCB Congener #150 PCB	0.0014.U	ng/m3	0:0014	10/29/12	11/12/12	Contract SOW
68194-09-2	PCB Congener #152	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
R4-8000889	PCB Congener #153 and/or 168	0.022	ng/m3	0.0056	10/29/12	11/12/12	Contract SOW
60145-22-4	PCB Congener #154	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
33979-03-2	PCB Congener #155	0.0014.U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
R4-8000890	PCB Congener #156 and/or 157	0.0028 U	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
74472-42-7	PCB Congener #158	0.0021	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
39635-35-3	PCB Congener #159	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
41411-62-5	PCB Congener #160.	0.0014 U	ng/m3"	0.0014	10/29/12	11/12/12	Contract SOW
74472-43-8	PCB Congener #161	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
39635-34-2	PCB Congener #162	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
74472-45-0	PCB Congener #164	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
74472-46-1	PCB Congener #165	0.0014 Ú	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
52663-72-6	PCB Congener #167	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
32774-16-6	PCB Congener #169	0.0014; U = 1.00	ng/m3	0:0014	10/29/12	11/12/12	Contract SOW
35065-30-6	PCB Congener #170	0.0020	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
R4-8000891	PCB Congener #171 and/or 173	-0.0028 U	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
52663-74-8	PCB Congener #172	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
38411-25-5	PCB Congener #1.74	0.0035	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW + **
40186-70-7	PCB Congener #175	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
52663-65-7	PGB Congener #176	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102412

Station ID:  $\underline{J}$ 

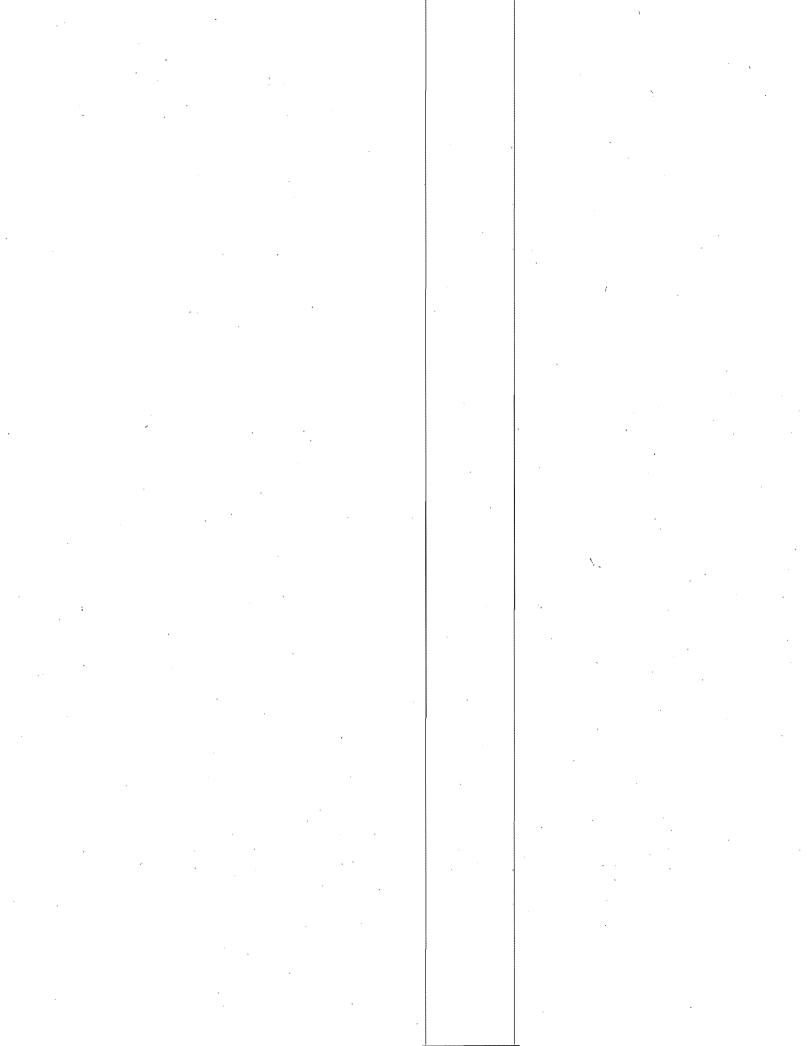
Lab ID: C124401-08

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

C.4S					A SERVICE		200
Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
52663-70-4	PCB Congener #177	0:0019	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
52663-67-9	PCB Congener #178	0.0015	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
52663-64-6	PCB Congener #179	0.0037	ng/m3	0.0014	10/29/12.	11/12/12	Contract SOW
R4-8000892	PCB Congener #180 and/or 193	0.0055	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
74472-47-2	PCB Congener #181	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
60145-23-5	PCB Congener #182	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
R4-8000893	PCB Congener #183 and/or 185	0.0030	ng/m3	0.0028	10/29/12	11/42/12	Contract SOW 4
74472-48-3	PCB Congener #184	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
74472-49-4	PCB Congener #186	0.0014.0	ng/m3	0.0014	/10/29/12	11/12/12	Contract SOW
52663-68-0	PCB Congener #187	0.0072	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
74487-85-7	PCB Congener #188	.0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
39635-31-9	PCB Congener #189	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
41411-64-7	PCB Congener #190	0.0014 U -	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
74472-50-7	PCB Congener #191	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
74472-51-8	PCB Congener #192	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
35694-08-7	PCB Congener #194	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
52663-78-2	PCB:Gongener #195	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
42740-50-1	PCB Congener #196	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
R4-8000894	RCB Congener #197 and/or 200	0:0028 U	ng/m3	0.0028	10/29/12=0	11/12/12	Contract SOW
R4-8000895	PCB Congener #198 and/or 199	0.0032	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
40186-71-8	PCB Congener #201	0.0014 U	ng/m3	_0.0014	10/29/12	11/12/12	Contract SOW
2136-99-4	PCB Congener #202	0.0028	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
52663-76-0	PCB Congener #203	0.0017	ng/m3/	0.0014	10/29/12	11/12/12	Contract SOW
74472-52-9	PCB Congener #204	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
74472-53-0	PCB Congener #205	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
40186-72-9	PCB Congener #206	0.0026	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
52663-79-3	PCB Congener #207	0.0014 ∪	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
52663-77-1	PCB Congener #208	0.0022	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
2051-24-3	PCB Congener #209	0.0024	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JAA102412

Lab ID: C124401-08

Station ID: J

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

CAS Sumber 1999	Analyte	Results Qualifiers	Unis	MRL Propared	Analyzed Method
25429-29-2	Pentachlorobiphenyl (Total)	0.34	ng/m3	0.0014 ± 10/29/12	11/12/12 Contract SOW
R4-8001156	TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 0)	0.00015	ng/m3	10/29/12	11/12/12 Contract SOW
R4-8001157	TEQ (Avian for PCBs, WHO TEQ-98) (TEP is RL x 1/2)	0,00029	ng/m3	10/29/12	11/12/12 - Contract SOW
R4-8001026	TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98)	0.00043	ng/m3	10/29/12	1-1/12/12 Contract SOW
R4-8001158	TEQ (Fish for PCBs, WHO (TEQ-98) (TEF is RL x.0)	4.7E-7	ng/m3	10/29/12	11/12/12 Contract SOW
R4-8001159	TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 1/2)	4.4E-6	ng/m3	10/29/12	11/12/12 Contract SOW
R4-8001027	TEQ (Fish Toxic: Equiv. for PCBs, WHO TEQ-98)	8.3E-6	ng/m3	10/29/12	11/12/12 Contract SOW
R4-8001161	TEQ (Mammal for PCBs WHO TEQ-05) (TEF is RL x 1/2)	9.3E-5	ng/m3	10/29/12	11/12/12 Contract SOW
R4-8001160	TEQ (Mammal for PCBs, WHO TEQ-05) (TEF is RL x 0)	1.4E-6	ng/m3	10/29/12	11/12/12 Contract SOW
R4-8000909	TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05)	0.00019	/ ng/m3 .	10/29/12	11/12/12 Contract SOW
26914-33-0	Tetrachlorobiphenyl (Total)	1.5-	ng/m3	0.0014 10/29/12	11/12/12 Contract SOW
1336-36-3	Total PCBs	8.0	ng/m3	0.0014 10/29/12	11/12/12 Contract SOW
25323-68- <del>6</del>	Trichlorobiphenyl (Total)	2.6	ng/m3	0.0014 10/29/12	11/12/12 Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: <u>JDAA102312</u>

Station ID: J

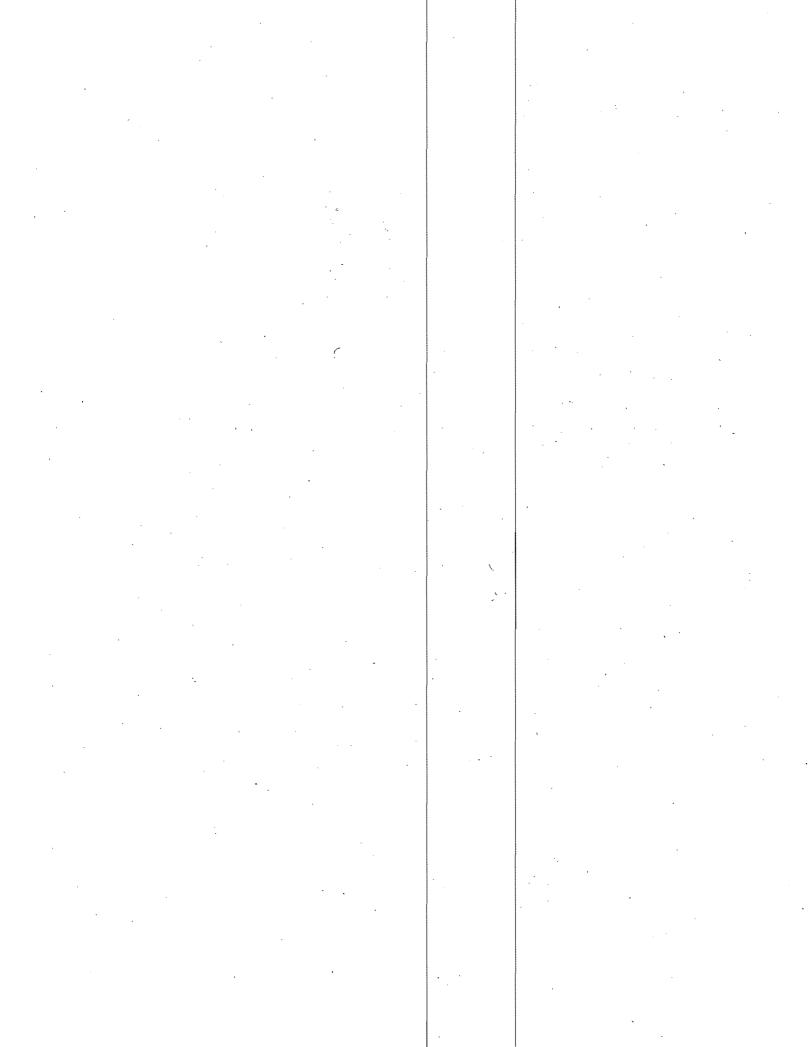
Lab ID: <u>C124401-09</u>

Matrix: Ambient Air

Date Collected: 10/23/12 11:15

CAS Number	Ånalvie	Results Qualifiers	Units	MRL	Prepared:	Analyzed	Method 7
25512-42-9	Dichlorobiphenyl (Total)	2.6	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
28655-71-2	Heptachlorobiphenyl (Total)	0.021	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
26601-64-9	Hexachlorobiphenyl (Total)	0:090*	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
27323-18-8	Monochlorobiphenyl (Total)	0.72	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
53742-07-7	Nonachlorobiphenyl (Total)	0.0042	ng/m3	0:0014	10/29/12	11/12/12	Contract SOW
55722-26-4	Octachlorobiphenyl (Total)	0.0034	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
2051-60-7	PCB Congener# 1	0.69	ng/m3	0.0035	10/29/12	11/12/12	Contract SOW
2051-61-8	PCB Congener # 2	0.0094	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
2051-62-9	PCB Congener # 3	0.042	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
13029-08-8	PCB Congener # 4	0.93	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
16605-91-7	PCB Congener # 5	0.022	ng/m3	0:0028	10/29/12	11/12/12	Contract SOW
25569-80-6	PCB Congener # 6	0.18	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
33284-50-3	PCB Congener # 7	0.048	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
34883-43-7	PCB Congener # 8	0.76	ng/m3	0.014	10/29/12	11/12/12	Contract SOW
34883-39-1	PCB Congener #-9	0.066	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
33146-45-1	PCB Congener # 10	0.16	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
2050-67-143	PCB Congener # 11	0.10	□ ng/m3	0.035	10/29/12	11/12/12	Contract SOW
R4-8000863	PCB Congener # 12 and/or 13	0.027	ng/m3	0.0056	10/29/12	11/12/12	Contract SOW
34883-41-5	PCB Congener # 14	0.0028 U	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
2050-68-2	PCB Congener # 15	0.20	ng/m3	0.014	10/29/12	11/12/12	Contract SOW
38444278-9	PCB Congener # 16	0.20	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
37680-66-3	PCB Congener # 17	0.30	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
R4-8000864	PCB Congener # 18 and/or 30	0.55	_ng/m3 =	0.0028	10/29/12	11/12/12	Contract SOW
38444-73-4	PCB Congener # 19	0.24	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
R4-8000865	PCB Congener # 20 and/or 28	0.42	ng/m3	0.014	10/29/12	11/12/12	Contract SOW
R4-8000866	PCB Congener # 21 and/or 33	0.22	ng/m3	0.0056	10/29/12	11/12/12	Contract SOW
38444-85-8	PCB Congener # 22	0.12	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
55720-44-0	PCB Congener # 23	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JDAA102312

Station ID:  $\underline{J}$ 

Lab ID: C124401-09

Matrix: Ambient Air

Date Collected: 10/23/12 11:15

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Nümber - 1	Anabre	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
55702-45-9	PCB Congener # 24	0.010	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
55712-37-3	PCB Congener # 25	0.032	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
R4-8000867	PCB Congener # 26 and/or 29	0.081	ng/m3-	0.0028	10/29/12	11/12/12	Contract SOW
38444-76-7	PCB Congener # 27	0.067	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
16606-02-3	RCB Congener #31	0.40	ng/m3	0.0070	10/29/12	11/12/12	Contract SOW
38444-77-8	PCB Congener # 32	0.15	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
37680-68-5	PCB Congener # 34	0.0018	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
37680-69-6	PCB Congener # 35	0.0030	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
38444-87-0	PCB Congener # 36	0.0028	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
38444-90-5	PCB Congener # 37	0.042	ng/m3	0.014	10/29/12	11/12/12	Contract SOW
53555-66-1	PCB Congener # 38	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
38444-88-1	PCB Congener # 39	0.0028 U	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
R4-8001051	PCB Congener # 40 and/or 71	0.083	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
52663-59-9	PCB Congener # 41	0.020	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
36559-22-5	PCB Congener # 42	0.054	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
70362-46-8	PCB Congener # 43	0.014	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
R4-8000869	PCB Congener # 44 and/or 47.6	5 0.23	ng/m3	0.0042	10/29/12	11/12/12	Contract SOW
R4-8000870	PCB Congener # 45 and/or 51	0.083	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
41464-47-5	PCB Congener # 46	0.025	ng/m3	0.0014	10/29/12	11/12/12.	Contract SOW
70362-47-9	PCB Congener # 48	0.053	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
R4-8000871	PCB Congener # 49 and/or 69	0.16	ing/m3	0.0028	, 10/29/12	11/12/12	Contract SOW 1
R4-8000872	PCB Congener # 50 and/or 53	0.066	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
35693-99-3	PCB Congener # 52	0.31	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
15968-05 <b>-</b> 5	PCB Congener # 54	0.0038	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
74338-24-2	PCB Congener # 55	0.0021	ng/m3	0:0014	10/29/12	11/12/12	Contract SOW
41464-43-1	PCB Congener # 56	0.024	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
70424-67-8	PCB Congener # 57	0.0014 Li 74-32	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
41464-49-7	PCB Congener # 58	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
R448000873	PCB Congener # 59 and/or 62,7	S. (100 Alpha) 0.021	ng/m3	0.0042	10/29/12	11/12/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB Aroclors**

Project: 13-0036, Anniston PCB Air Study

Sample ID: JDAA102312

Station ID: J

Lab ID: C124401-09

Matrix: Ambient Air

Date Collected: 10/23/12 11:15

Date Collec	cred: 10/23/12 11:15			and the party of the	hande handle siden	ACAL AND SOCIETY	
CAS Number	inalytes,	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
33025-41-1	PCB Congener # 60	~20:013	ng/m3	0:0028	10/29/12	11/12/12	Contract SOW
R4-8000874	PCB Congener # 61 and/or 70,74,76	0.11	ng/m3	0.0056	10/29/12	11/12/12	Contract SOW
74472-34-7	PCB Congener # 63	0.0035 U =	ng/ <b>m3</b>	0.0035#.	10/29/12	11/12/12	Contract SOW
52663-58-8	PCB Congener # 64	0.084	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
32598-10-0	PCB Congener # 66	-0.065 - 1 (1)	ng/m3	0.0035	10/29/12	11/12/12	Contract SOW
73575-53-8	PCB Congener # 67	0.0030	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
73575-52-7	PCB Congener # 68	-0:0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
41464-42-0	PCB Congener # 72	0.0028 U	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
74338-23-1	PCB Congener # 73	0.012	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
32598-13-3	PCB Congener # 77	0.0029	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
70362-49-1	PCB Congener #.78 *	0.0014 U.	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
41464-48-6	PCB Congener # 79	0.0028 U	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
33284-52-5	PCB Congener # 80	0.0028 U	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
70362-50-4	PCB Congener # 81	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
52663-62-4	PCB Congener # 82	0.0046	ng/m3	0.0035	10/29/12	11/12/12	Contract SOW
60145-20-2	PCB Congener # 83	0.0026	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
52663-60-2	PCB Congener # 84	a 0.018 ;	- ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
R4-8000876	PCB Congener # 85 and/or 116,117	0.0084	ng/m3	0.0042	10/29/12	11/12/12	Contract SOW
E52450707	PCB Congener # 86 and/or	0.031	ng/m3	0.0084	10/29/12	11/12/12	Contract SOW
2	87-97-109,149,125						
R4-8000878	PCB Congener # 88 and/or 91	0.012	ng/m3	0,0028	10/29/12	11/12/12	Contract SOW
73575-57-2	PCB Congener # 89	0.0014 ()	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
R4-8000879	PCB Congener # 90 and/or 101,113	0.055	ng/m3	0.0042	10/29/12	11/12/12	Contract SOW
52663-61-3	PCB Congener # 92	0.011	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
R4-8001052	PCB Congener # 93 and/or 100	0.0028 U	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
73575-55-0	PCB Congener # 94	0.0014 U+	ng/m3	0.0014	10/29/12		Contract SOW
38379-99-6	PCB Congener # 95	0.068	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
73575-54-9	PCB Congener # 96	0.0020	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
R4-8001056	PCB Congener # 98 and/or 102	0.0035	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB Aroclors**

Project: 13-0036, Anniston PCB Air Study

Sample ID: JDAA102312

Station ID: <u>J</u>

Lab ID: <u>C124401-09</u>

Matrix: Ambient Air

Date Collected: 10/23/12 11:15

C4S							
Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method 5
38380-01-7	PCB Congener # 99	0.024	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
60145-21-3	PCB Congener #103	0.0035 U	ng/m3	0.0035	10/29/12	11/12/12	Contract SOW
56558-16-8	PCB Congener #104	0:0014 U	ng/m3	0.0014	10/29/12	-11/12/12	Contract SOW
32598-14-4	PCB Congener #105	0.0087	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
70424-69-0	PCB Congener #106	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
70424-68-9	PCB Congener #107	0.0028 U	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
R4-8001053	PCB Congener #108 and/or 124	0.0028 U	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
R4-8000882	PCB Congener #110 and/or 115	0.039	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
39635-32-0	PCB Congener #111	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
74472-36-9	PCB Congener #112	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
74472-37-0	PCB Congener #114	0.0014 U	ng/m3	0:0014	10/29/12	11/12/12	Contract SOW
31508-00 <b>-</b> 6	PCB Congener #118	0.021	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
68194-12-7	PCB Congener #120	$^{**}=0.0014~{ m U}$	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
56558-18-0	PCB Congener #121	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
76842-07-4	PCB Congener #122	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
65510-44-3	PCB Congener #123	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
57465-28-8	PCB Congener #126	0.0014 ∪	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
39635-33-1	PCB Congener #127	0.0014 U	ng/m3 ·	0.0014	10/29/12	11/12/12	Contract SOW
R4-8000883	PCB Congener #128 and/or 166	0.0028 ₋ U	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
R4-8001054	PCB Congener #129 and/or 138,163	0.018	ng/m3	0.0042	10/29/12	11/12/12	Contract SOW
52663-66-8	PCB Congener #130	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
61798-70-7	PCB Congener #131	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
38380-05-1	PCB Congener #132	0.0072	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
35694-04-3	PCB Congener #133	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
52704-70-8	PCB Congener #134	0.0016	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
R4-8001055	PCB Congener #135 and/or 151	0.012	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
38411-22-2	PCB Congener #136	0.0054	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
35694-06-5	PCB Congener #137	0.0014 U ·	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
R4-8000887	PCB Congener #139 and/or 140	0.002 <b>8</b> U	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JDAA102312

Station ID: <u>J</u>

Lab ID: <u>C124401-09</u>

Matrix: Ambient Air

Date Collected: 10/23/12 11:15

Date Con-	ected: 10/23/12 11:15		25000 E		
C45.	Analyle	Results Qualifiers 5.7	Units	MRJ., Propur	ed Analyzed Method . 3 11 7 11
52712-04-6	PCB Congener #141	0.0035	ng/m3	0.0028 10/29/1	12 11/12/12 Contract SOW: 7
41411-61-4	PCB Congener #142	0.0014 U	ng/m3	0.0014 10/29/1	12 · 11/12/12 Contract SOW
68194-15-0	PCB Congener #143	± 0.0014 U	ng/m3	0.0014 10/29/1	2. 11/12/12 Contract SOW
68194-14-9	PCB Congener #144	0.0017	ng/m3	0.0014 10/29/1	12 11/12/12 Contract SOW
74472-40-5	PCB Congener #145	Č 0.0014 U S	ng/m3	0.0014 10/29/1	12 11/12/12 Contract SOW
51908-16-8	PCB Congener #146	0.0033	ng/m3	0.0014 10/29/1	12 11/12/12 Contract SOW
R4-8000888	PCB Congener #147 and/or 149	0.022	ng/m3	0.0056 10/29/1	12. = 11/12/12   Contract SOW
74472-41-6	PCB Congener #148	0.0014 U	ng/m3	0.0014 10/29/1	12 11/12/12 Contract SOW
68194-08-1	PCB Congener #150	- 0.0014 U	ng/m3	0.0014 10/29/1	12 11/12/12 Contract SOW
68194-09-2	PCB Congener #152	0.0014 U	ng/m3	0.0014 10/29/1	12 11/12/12 Contract SOW
R4-8000889	PCB Congener #153 and/or 168	0.018	ng/m3	0.0056 10/29/1	12 11/12/12 Contract SOW
60145-22-4	PCB Congener #154	0.0014 U	ng/m3	0.0014 10/29/1	12 11/12/12 Contract SOW
33979-03-2	PCB Congener #155	0.0014 U	ng/m3	0.0014 - 10/29/1	12 11/12/12 Contract SOW
R4-8000890	PCB Congener #156 and/or 157	0.0028 U	ng/m3	0.0028 10/29/1	12 11/12/12 Contract SOW
74472-42-7	PCB Congener #158	0.0017	ng/m3	0.0014 10/29/1	12 11/12/12 Contract SOW
39635-35-3	PCB Congener #159	0.0014 U	ng/m3	0.0014 10/29/1	12 11/12/12 Contract SOW
41411-62-5	PCB Congener #160	0.0014 U	ng/m3	0.0014 10/29/1	12 11/12/12 Contract SOW
74472-43-8	PCB Congener #161	0.0014 U	ng/m3	0.0014 10/29/1	12 11/12/12 Contract SOW
39635-34-2	PCB Congener #162	0.0014 U	ng/m3	0.0014 10/29/1	12. 11/12/12 Contract SOW
74472-45-0	PCB Congener #164	0.0014 U	ng/m3	0.0014 10/29/1	12 11/12/12 Contract SOW
74472-46-1	PCB Congener #165	0.0014 U	ng/m3	0.0014 10/29/1	12 11/12/12 Contract SOW
52663-72-6	PCB Congener #167	0.0014 U	ng/m3	0.0014 10/29/1	12 11/12/12 Contract SOW
32774-16-6	PCB Congener #169	(0.0014 TJ	ng/m3	0 0014 10/29/1	12 11/12/12 Contract SOW
35065-30-6	PCB Congener #170	0.0018	ng/m3	0.0014 10/29/1	12 11/12/12 Contract SOW
R4-8000891	PCB Congener #171 and/or 173	0.0028 U	ng/m3	0.0028 10/29/1	2 11/12/12 Contract SOW
52663-74-8	PCB Congener #172	0.0014 U	ng/m3	0.0014 10/29/1	12 11/12/12 Contract SOW
38411-25-5	PCB Congener #174	0.0032	ng/m3	0.0014 10/29/1	2 11/12/12 Contract SOW
40186-70-7	PCB Congener #175	0.0014 U	ng/m3	0.0014 10/29/1	12 11/12/12 Contract SOW
52663-65-7	PCB Congener #176	0.0014 U	ng/m³	0.0014 10/29/1	12 11/12/12 Contract SOW
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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JDAA102312

Lab ID: <u>C124401-09</u>

Station ID: J

Matrix: Ambient Air

Date Collected: 10/23/12 11:15

	lected: 10/25/12 11:15		VIV. C. M. 10 \ A. MAT 2 MAR VALLE VAL	State and Comments of the state of	and and the same	(Mary Edward Stewnson Law)	
C4S Number	Analyte	Results Qualifiers	Units	MRL	Propared	Analyzed	Méthad
52663-70-4	PCB Congener #177	0.0017	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
52663-67-9	PCB Congener #178	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
52663-64-6	PCB(Congener#179	0.0032	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
R4-8000892	PCB Congener #180 and/or 193	0.0049	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
74472-47-2	PCB Congener #181	2 0.0014;U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW .
60145-23-5	PCB Congener #182	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
R4-8000893	PCB Congener #183 and/or 185	0.0028aU	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
74472-48-3	PCB Congener #184	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
74472-49-4	PCB Congener #186	0:0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
52663-68-0	PCB Congener #187	0.0061	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
74487-85-7	PCB Congener #188	0.0014-U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
39635-31-9	PCB Congener #189	0.0014 Ú	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
41411-64-7	PCB Congener #190	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
74472-50-7	PCB Congener #191	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
74472-51-8	PCB Congener #192	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
35694-08-7	PCB Congener #194	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
52663-78-2	PCB Congener #195	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
42740-50-1	PCB Congener #196	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
R4-8000894	PCB Congener #197 and/or 200	0.0028 U	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
R4-8000895	PCB Congener #198 and/or 199	0.0028 U	ng/m3	0.0028	10/29/12	11/12/12	Contract SOW
40186-71-8	PCB Congener #201	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
2136-99-4	PCB Congener #202	0.0020	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
52663-76-0	PCB Congener #203	0:0014	: ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
74472-52-9	PCB Congener #204	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
74472-53-0	PCB Congener #205	0.0014 U	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
40186-72-9	PCB Congener #206	0.0023	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
52663-79-3	PCB Congener #207	0,0014.⊍	ng/m3	0:0014	10 <b>/29/1</b> 2	11/12/12	Contract SOW?
52663-77-1	PCB Congener #208	0.0016	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
2051-24-3	PCB Congener #209	0:0028	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
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C124401 PCBA FINAL 03 12 13 0832 Page 67 of 75 3/12/13 8:32 

Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JDAA102312

Lab ID

Lab ID: <u>C124401-09</u>

Station ID:  $\underline{J}$ 

Matrix: Ambient Air

Date Collected: 10/23/12 11:15

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GAS Number	Analyte	Results Qualifiers	Unles	MRL	Propured	Analyzed	Method (18 min)
25429-29-2	Pentachlorobiphenyl (Total)	0.30	ng/m3	0.0014	10/29/12	11/12/12	Contract SOW
R4-8001156	TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 0)	0.00015	ng/m3		10/29/12	11/12/12	Contract SOW
R4-8001157	TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 1/2)	0.00029	ng/m3		10/29/12	11/12/12	Contract SOW
R4-8001026	TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98)	0.00043	ng/m3		10/29/12	11/12/12	Contract SOW
R4-8001158	TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 0)	4,4E-7	ng/m3		10/29/12	11/12/12	Contract SOW ₁
R4-8001159	TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 1/2)	4.3E-6	ng/m3		10/29/12	11/12/12	Contract SOW
R4-8001027	TEQ (Fish Toxic, Equiv. for PCBs, WHO TEQ-98)	8.3E-6	ng/m3		10/29/12	11/12/12	Contract SOW
R4-8001161	TEQ (Mammal for PCBs WHO TEQ-05) (TEF is RL x 1/2)	9.3E-5	ng/m3		10/29/12	11/12/12	Contract SOW
R4-8001-160	TEQ (Mammal for PCBs, WHO TEQ-05) (TEF is RL x 0)	1.2E-6	ng/m3		10/29/12	11/12/12	Contract SOW :
R4-8000909	TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05)	0.00018	ng/m3	2-c2++ 2000 6-6 6-6 6-6 6-6 6-6 6-6 6-6 6-6 6-6	10/29/12	11/12/12	Contract SOW
26914-33-0	Tetrachlorobiphenyl (Total)	1.6	ng/m3	0.0014	-10/29/12	11/12/12	Contract SOW
1336-36-3	Total PCBs	8.1	ng/m3	0.0014.	10/29/12	11/12/12	Contract SOW
25323-68-6	Trichlorobiphenyl (Total)	2.9	ng/m3	0.0014	10/29/12	1:1/12/12	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JDAA102412

Station ID: <u>J</u>

Lab ID: C124401-10

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

CAS Number	Analyte	Results Qualifiers	Units:	MRL	Propared	Analyzed	Methnd
See			1963 CAN				
25512-42-9	Dichlorobiphenyl (Total)	2.6	ng/m3	0:0013	10/29/12	11/12/12	Contract SOW
28655-71-2	Heptachlorobiphenyl (Total)	0.026	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
26601-64-9	Hexachlorobiphenyl (Total)	0.11	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
27323-18-8	Monochlorobiphenyl (Total)	. 0.59	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
53742-07-7	Nonachlorobiphenyl (Total)	0.0042	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
55722-26-4	Octachlorobiphenyl (Total)	0.0068	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
2051-60-7	PCB Congener(# 1	0.54	ng/m3	0.0033	10/29/12	11/12/12	Contract SOW
2051-61-8	PCB Congener # 2	0.0085	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
2051-62-9	PCB Congener # 3	0.047	ng/m3	0,0013	10/29/12	11/12/12	Contract SOW
13029-08-8	PCB Congener # 4	0.98	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
16605-91-7	PCB Congener.#-5	0.022	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
25569-80-6	PCB Congener # 6	0.20	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
33284-50-3	PCB Congener # 7	0.043	ng/m3	0.0026	10/29/12	.11/12/12	Contract SOW
34883-43-7	PCB Congener # 8	0.82	ng/m3	0.013	10/29/12	11/12/12	Contract SOW
34883-39-1	PCB Congener # 9	0.078	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
33146-45-1	PCB Congener # 10	0.17	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
2050-67-1	PCB Congener # 11	0.087	ng/m3	0.033	10/29/12	/11/12/12	Contract SOW
R4-8000863	PCB Congener # 12 and/or 13	0.025	ng/m3	0.0052	10/29/12	11/12/12	Contract SOW
34883-41-5.	PCB Congener # 14	0.0026;U	ng/m3:	0.0026	10/29/12	-11/12/12	Contract SOW
2050-68-2	PCB Congener # 15	0.16	ng/m3	0.013	10/29/12	11/12/12	Contract SOW
38444-78-9	PCB Congener # 16	0.18	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
37680-66-3	PCB Congener # 17	0.27	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
R4-8000864	PCB Congener # 18 and/or/30	0.48	ng/m3	, 0.0026	10/29/12	11/12/12	Contract SOW
38444-73-4	PCB Congener # 19	0.20	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
R4-8000865	PCB Congener # 20 and/or 28	0.33	ng/m3	0.013	10/29/12	11/12/12	Contract SOW
R4-8000866	PCB Congener # 21 and/or 33	0.19	ng/m3	0.0052	10/29/12	11/12/12	Contract SOW
38444-85-8	PCB Congener # 22	0:098	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
55720-44-0	PCB Congener # 23	0.0013· U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JDAA102412

Station ID: J

Lab ID: C124401-10

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

Date Coll	ected: 10/24/12 11:32			Assault			
CAS Number	Andhite 4	Results Qualifière	e Units	11RL	Prepared	Analyzed	Method:
55702-45-9	PCB Congener # 24	-0.010	ng/m3	0.0013	10/29/12	11/12/12	Contract/SOW
55712-37-3	PCB Congener # 25	0.026	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
R4-8000867	PCB Congener # 26 and/or 29	0.067	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
38444-76-7	PCB Congener # 27	0.059	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
16606-02-3	PCB Congener # 31	0.32	-ng/m3	0,0065	10/29/12	11/12/12	Contract SOW
38444-77-8	PCB Congener # 32	0.12	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
37680-68-5	PCB Congener # 34	0.0014	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
37680-69-6	PCB Congener # 35	0.0026 U	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
38444-87-0	PCB Congener # 36	0.0026 U	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
38444-90-5	PCB Congener # 37	€ 0.034	ng/m3	0.013	10/29/12	11/12/12	Contract SOW
53555-66-1	PCB Congener # 38	0.0013 U 5	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
38444-88-1	PCB Congener # 39	0.0026 U	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
R4-8001051	PCB Congener # 40 and/or 71	0.061	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
52663-59-9	PCB Congener # 41	0.015	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
36559-22-5	PCB Congener # 42	0.041	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
70362-46-8	PCB Congener # 43	0.011	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
R4-8000869	PCB Congener # 44 and/or 47,65	0.25	ng/m3	0.0039	10/29/12	11/12/12	Contract SOW
R4-8000870	PCB Congener # 45 and/or 51	0.075	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
41464-47-5	PCB Congener # 46	0.020	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW:
70362-47-9	PCB Congener # 48	0.039	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
R4-8000871	PCB Congener # 49 and/or 69	0.13	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
R4-8000872	PCB Congener # 50 and/or 53	0.050	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
35693-99-3	PCB Congener # 52	0.26	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
15968-05-5	PCB Congener # 54	0.0032	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
74338-24-2	PCB Congener # 55	0.0019	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
41464-43-1	PCB Congener # 56	0.022	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
70424-67-8	PCB Congener # 57	0:0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
41464-49-7	PCB Congener # 58	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
R4-8000873	PCB Congener # 59 and/or 62,75	0.017	ng/m3	0.0039	10/29/12	11/12/12	Contract SOW
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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JDAA102412

Station ID: J

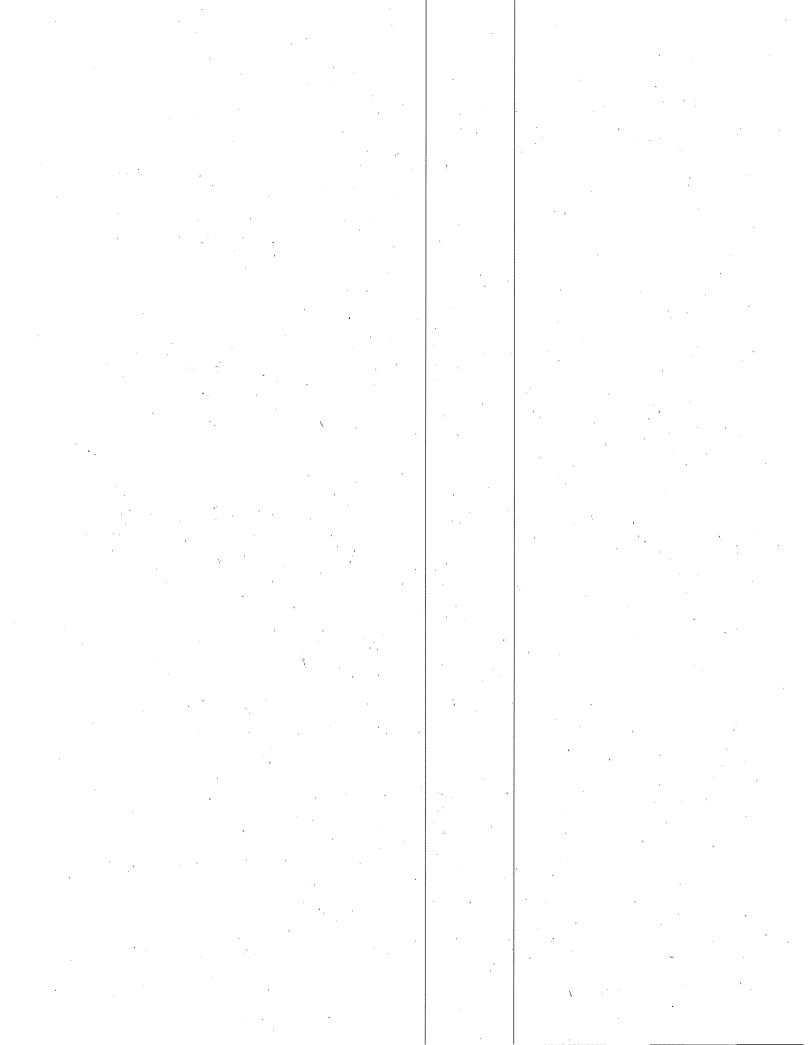
Lab ID: C124401-10

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

CAS							
Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
33025-41-1	PCB Congener # 60	0.012	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
R4-8000874	PCB Congener # 61 and/or 70,74,76	0.097	ng/m3	0.0052	10/29/12	11/12/12	Contract SOW
74472-34-7	PCB Congener # 63	-0.0033 U	ng/m3	0.0033	10/29/12	11/12/12	Contract SOW
52663-58-8	PCB Congener # 64	0.062	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
32598-10-0	PCB Congener # 66	0.056	ng/m3	0.0033	10/29/12	11/12/12	Contract SOW
73575-53-8	PCB Congener # 67	0.0022	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
73575-52-7	PCB Congener # 68	0.0033 U.B-4	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
41464-42-0	PCB Congener # 72	0.0026 U	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
74338-23-1	PCB Congener # 73	0.0076	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
32598-13-3	PCB Congener # 77	0.0029	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
70362-49-1	PCB Congener # 78	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
41464-48-6	PCB Congener # 79	0.0026 ∪	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
33284-52-5	PCB Congener # 80	0.0026 U	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
70362-50-4	PCB Congener # 81	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
52663-62-4	PCB Congener # 82	0.0047	ng/m3	0.0033	10/29/12	11/12/12	Contract SOW
60145-20-2	PCB Congener # 83	0.0026	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
52663-60-2	PCB Congener # 84	0.017	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
R4-8000876	PCB Congener # 85 and/or 116,117	0.0088	ng/m3	0.0039	10/29/12~	11/12/12	Contract SOW
E52450707	PCB Congener # 86 and/or	0.033	ng/m3	0.0078	10/29/12	11/12/12	Contract SOW
R4-8000878	87,97,109,119,125 PCB Congener # 88 and/or 91	0.012	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
73575-57-2	PCB Congener # 89	0.0013 C	ng/m3	0.0020			Contract SOW
R4-8000879	PCB Congener # 90 and/or 101,113	0.060	ng/m3	0.0013	10/29/12		Contract SOW
52663-61-3	PCB Congener # 92	0.012	ng/m3	0.0033	10/29/12		Contract SOW
R4-8001052	PCB Congener # 93 and/or 100	0.0026 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
73575-55-0	PCB Congener # 94	0.0013 U	ng/m3	0.0020	10/29/12	11/12/12	
38379-99-6	PCB Congener # 95	0.066	ng/m3	0.0013	10/29/12		Contract SOW
73575-54-9	PCB Congener # 96	0.0014	ng/m3	0.0020	10/29/12	11/12/12	Contract SOW
R4-8001056	PCB Congener # 98 and/or 102	0.0030	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
10001030		0.0030	115/1112	0.0020	10/29/12	11/12/12	COINTACT SO W

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### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

### **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JDAA102412

Station ID: <u>J</u>

Lab ID: C124401-10

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

CAS							
Nümber	Analyte (2)	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
38380-01-7	PCB Congener #99	0.027	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
60145-21-3	PCB Congener #103	0.0033 U	ng/m3	0.0033	10/29/12	11/12/12	Contract SOW
56558-16-8	PCB Congener #104	0.0013 U-	ng/m3	0.0013	10/29/12	. 11/12/17	Contract SOW
32598-14-4	PCB Congener #105	0.0098	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
70424-69-0	PCB Congener #106	0.0013 Ű	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
70424-68-9	PCB Congener #107	0.0026 U	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
R4-8001053	PCB Congener #108 and/or 124	0.0026 U	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
R4-8000882	PCB Congener #110 and/or 115	0.042	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
39635432-0	PCB Congener #111	0.0013 U.	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
74472-36-9	PCB Congener #112	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
74472-37-0	PCB Congener #114	0.0013 U	.ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
31508-00-6	PCB Congener #118	0.024	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
68194-12-7	PCB Congener #120	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
56558-18-0	PCB Congener #121	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
76842-07-4	PCB Congener #122	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
65510-44-3	PCB Congener #123	0.0013 U .	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
57465-28-8	PCB Congener #126	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
39635-33-1	PCB Congener #127	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
R4-8000883	PCB Congener #128 and/or 166	0.0026 U	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
R4-8001054	PCB Congener #129 and/or 138,163	0.022	ng/m3	0.0039	10/29/12	11/12/12	Contract SOW
52663-66-8	PCB Congener #130	0.0013	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
61798-70-7	PCB Congener #131	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
38380-05-1	PCB/Congener #132	0.0083	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
35694-04-3	PCB Congener #133	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
52704-70-8	PCB Congener #134	0.0016	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
R4-8001055	PCB Congener #135 and/or 151	0.012	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
38411-22-2	PCB Congener #136	0.0056	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
35694-06-5	PCB Congener #137	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
R4-8000887	PCB Congener #139 and/or 140	0.0026 U	ng/m3	0.0026	-10/29/12	11/12/12	Contract SOW

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#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

### **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JDAA102412

Station ID: <u>J</u>

Lab ID: <u>C124401-10</u>

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

CAS Number	Analyre	Results Qualifiers	Units	MRL	Prepared	Anülyzed	Method
52712-04-6	PCB Congener #141	0.0041	ng/m3	0:0026	10/29/12	11/12/12	Contract SOW
41411-61-4	PCB Congener #142	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
68194-15-0	PCB Congener #143	0.0013 ∪	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
68194-14-9	PCB Congener #144	0.0016	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
74472-40-5	PCB Congener #145	0.0013 Ü	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
51908-16-8	PCB Congener #146	0.0035 ,.	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
R4-8000888	PCB Congener #147 and/or 149	0.025	ng/m3	0.0052	10/29/12	11/12/12	Contract SOW
74472-41-6	PCB Congener #148	0.0013 _. U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
68194-08-1	PCB Congener #150	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
68194-09-2	PCB Congener #152	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
R4-8000889	PCB Congener #153 and/or 168	0.021	ng/m3	0.0052	10/29/12	11/12/12	Contract SOW
60145-22-4	PCB Congener #154	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
33979-03-2	PCB Congener #155	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
R4-8000890	PCB Congener #156 and/or 157	0.0026 U	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
74472-42-7	PCB Congener #158	0.0021	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
39635-35-3	PCB Congener #159	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
41411-62-5	PCB Congener #160	0:0013 U	ng/m3*	0.0013	10/29/12	11/12/12	Contract SOW
74472-43-8	PCB Congener #161	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
39635-34-2	PCB Congener #162	0.0013 Ü	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
74472-45-0	PCB Congener #164	0.0013 U .	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
74472-46-1	PCB Congener #165	∞0.0013 U	ng/m3:	0.0013	10/29/12	11/12/12	Contract SOW.
52663-72-6	PCB Congener #167	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
32774-16-6	PCB Congener #169	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW 4
35065-30-6	PCB Congener #170	0.0018	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
R4-8000891	PCB Congener #171 and/or 173	0.0026 U	ng/m3	0:0026	10/29/12	11/12/12	Contract SOW
52663-74-8	PCB Congener #172	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
38411-25-5	PCB Congener #174	0.0034	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
40186-70-7	PCB Congener #175	0.0013 U .	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
52663-65-7	PCB Congener #176	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW

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### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

### **PCB Aroclors**

Project: 13-0036, Anniston PCB Air Study

Sample ID: JDAA102412

Station ID: J

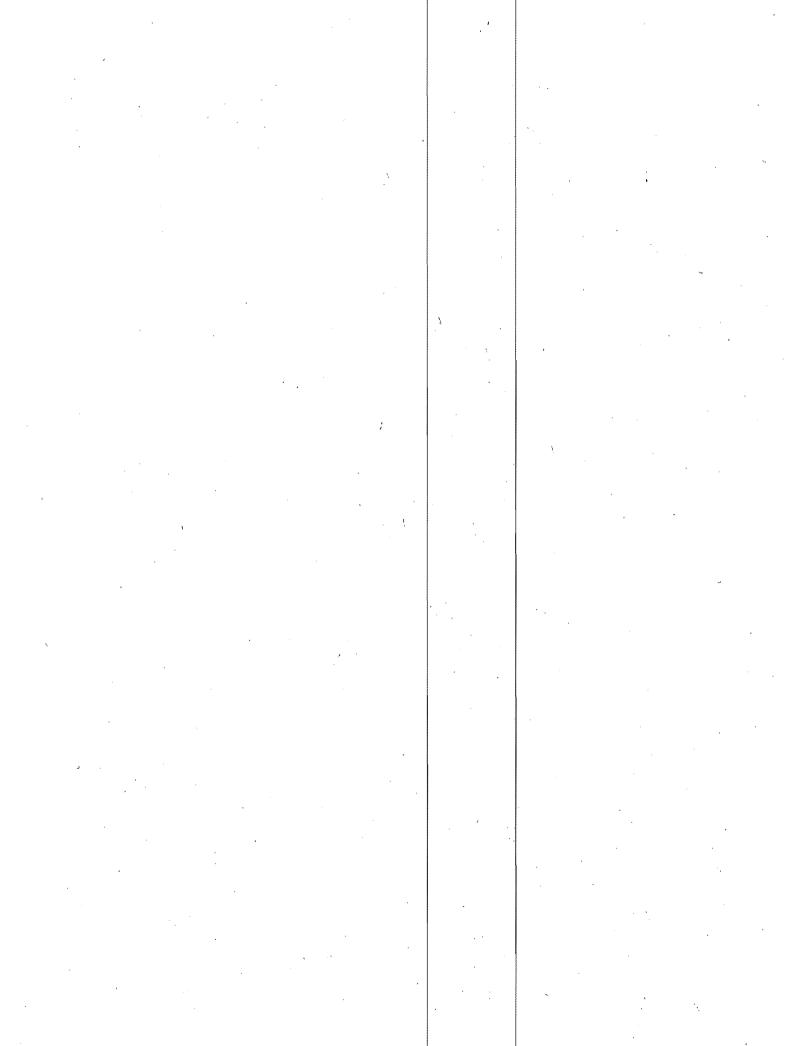
Lab ID: <u>C124401-10</u>

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

Date Coll	ected: 10/24/12 11:32				and the state of t		
CAS Number	Analyre 175 5 78	Results Qualifiers	÷ Units	MRL	Propared	Analyzed	Methode
52663-70-4	PCB Congener #177	0.0018	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
52663-67-9	PCB Congener #178	0.0014	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
52663-64-6	PCB Congener #179	0.0034	ng/m3	0.0013	10/29/12	-11/12/12	Contract SOW
R4-8000892	PCB Congener #180 and/or 193	0.0050	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
74472-47-2	PCB Congener #181	0.0013°U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
60145-23-5	PCB Congener #182	0.0013 U	ng/m3	0.0013	10/29/12	~11/12/12	Contract SOW
R4-8000893	PCB Congener #183 and/or 185	0.0029	ng/m3	0.0026	10/29/12	1]/12/12	Contract SOW
74472-48-3	PCB Congener #184	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
74472-49-4	PCB Congener #186	0.0013 U	ng/m3	0:0013	10/29/12	: 11/12/12	Contract SOW
52663-68-0	PCB Congener #187	0.0067	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
74487-85-7	PCB Congener #188	0:0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
39635-31-9	PCB Congener #189	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
41411-64-7	PCB Congener #190	0.0013 U	ng/m3 //	0.0013	10/29/12	11/12/12	Contract SOW
74472-50-7	PCB Congener #191	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
74472-51-8	PCB Congener #192	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
35694-08-7	PCB Congener #194	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
52663-78-2	PCB Congener #195	0:0013 Unit for a	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW:
42740-50-1	PCB Congener #196	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
R4-8000894	PCB Congener #197 and/or 200	0.0026¦,U=3	ng/m3	0:0026	10/29/12	11/12/12	Contract SOW
R4-8000895	PCB Congener #198 and/or 199	0.0027	ng/m3	0.0026	10/29/12	11/12/12	Contract SOW
40186-71-8	PCB Congener#201	0.0013.U	ng/m3 ²	0.0013	10/29/12	11/12/12	Contract SOW
2136-99-4	PCB Congener #202	0.0026	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
52663-76-0	PCB Congener #203	0.0015	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
74472-52-9	PCB Congener #204	0.0013 U	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
74472-53-0	PCB Congener #205	0.0013FU	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
40186-72-9	PCB Congener #206	0.0022	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
52663-79-3	PCB Congener #207	0.0013-L	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
52663-77-1	PCB Congener #208	0.0021	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
2051-24-3	PCB Congener #209	.0.0022	ng/m3	0.0013	10/29/12	11/12/12	Contract SOW
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### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

# Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. 1d: 13-0036

Project: 13-0036, Anniston PCB Air Study - Reported by Jeffrey Hendel

### **PCB** Aroclors

Project: 13-0036, Anniston PCB Air Study

Sample ID: JDAA102412

Station ID: <u>J</u>

Lab ID: C124401-10

Matrix: Ambient Air

Date Collected: 10/24/12 11:32

Date Come	etteu: 10/24/12 11.32				
CAS, Number	Analyte	l. Results Qualifiers	Units	MRL Prepared	Analyzed Method
25429-29-2	Pentachlorobiphenyl (Total)	0.32	ng/m3	0:0013 10/29/12	11/12/12 Contract SOW
R4-8001156	TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 0)	0.00014	ng/m3	10/29/12	11/12/12 Contract SOW
R4-8001157	TEQ (Avian for PCBs, WHO TEQ-98) (TEF is RL x 1/2)	0.00028	ng/m3	10/29/12	11/12/12 Contract SOW
R4-8001026	TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98)	0.00041	ng/m3	10/29/12	11/12/12 Contract SOW
R4-8001158	TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 0)	4.6E-7	ng/m3	10/29/12	11/12/12 Contract SOW
R4-8001159	TEQ (Fish for PCBs, WHO TEQ-98) (TEF is RL x 1/2)	4.1E-6	ng/m3	10/29/12	11/12/12 Contract SOW
R4-8001027	TEQ (Fish Toxic, Equiv. for PCBs, WHO X TEQ-98)	7.8E-6	ng/m3	10/29/12	11/12/12 Contract SOW
R4-8001161	TEQ (Mammal for PCBs WHO TEQ-05) (TEF is RL x 1/2)	8.7E-5	ng/m3	10/29/12	11/12/12 Contract SOW
R4-8001160	TEQ (Mammal for PCBs, WHO TEQ-05) (TEF is RL x 0)	1.3E-6	ng/m3	10/29/12	11/12/12 Contract SOW
R4-8000909	TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05)	0.00017	ng/m3	10/29/12	11/12/12 Contract SOW
26914-33-0	Tetrachlorobiphenyl (Total)	1.2	ng/m3	0.0013 10/29/12	11/12/12 Contract SOW
1336-36-3	Total PCBs	7.3	ng/m3	0.0013 10/29/12	11/12/12 Contract SOW
25323-68-6	Trichlorobiphenyl (Total)	2.4	ng/m3	0.0013 10/29/12	11/12/12 Contract SOW

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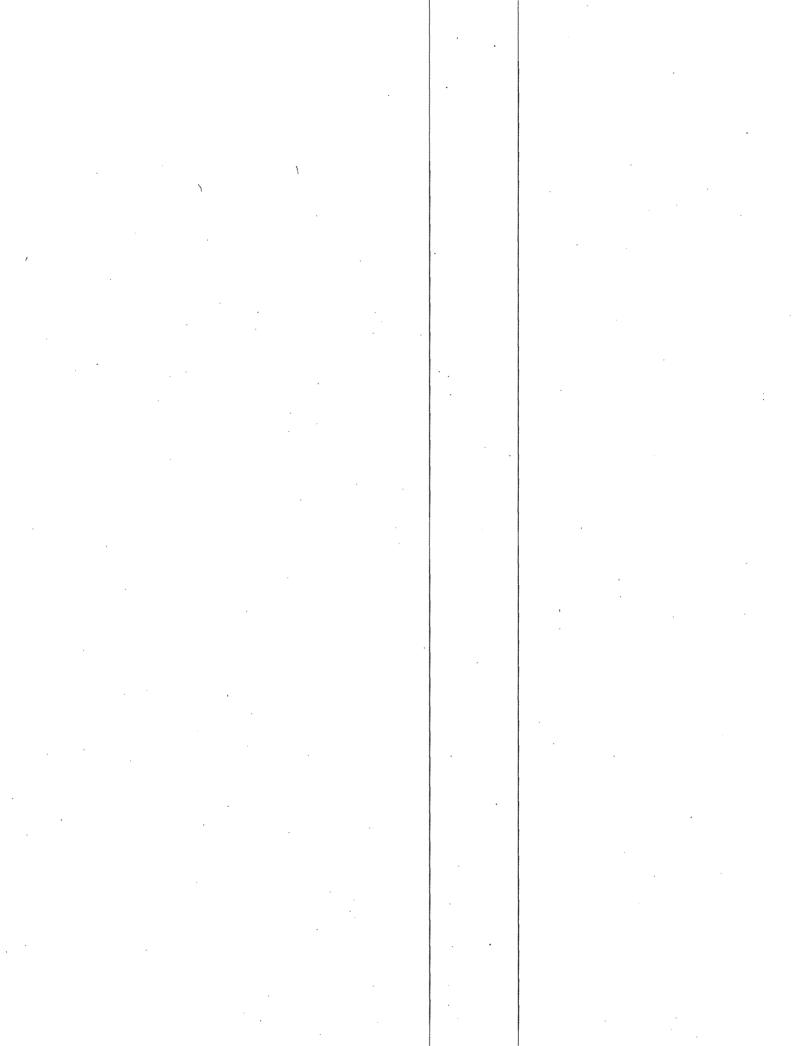
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### APPENDIX E

# FIELD LOGBOOK

(22 pages)



AMBIENT AIR PCB STUDY
Anniston, Alabama 13-0036
SESD Project Identification Number: 12-0589 September 2012

### PCB AIR SAMPLING LOGBOOK

LOGBOOK _ OF _ I

DATES: 10/23/12 THRU: 10/25/12



### List of personnel in logbook:

Name Slayle	Initiale	Organization/Duties  EPA   Sample , Team Leader
Brian & Herndon	BH	RYESAT / Samo Dex

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# US EPA Region 4 AMBIENT AIR PCB STUDY

Anniston, Alabama

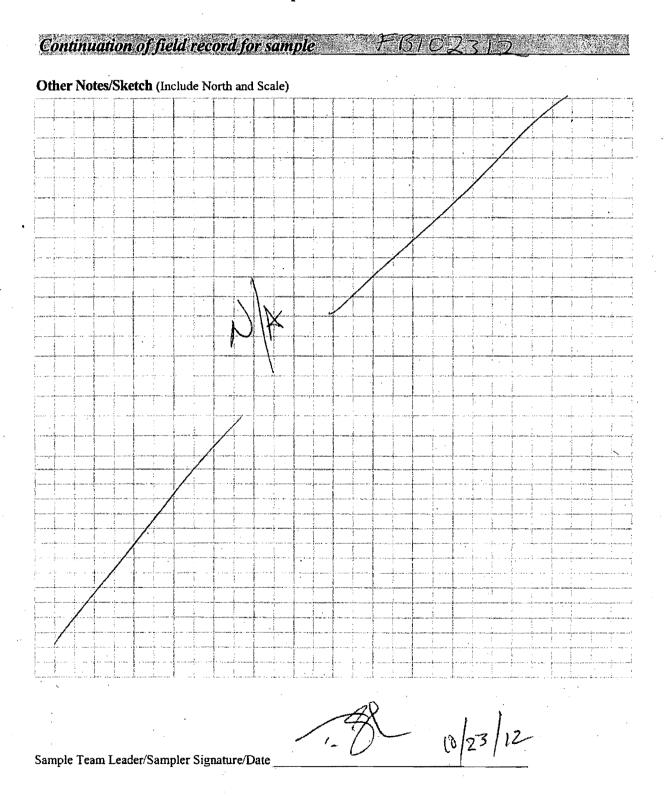
SESD Project Identification Number: 12-0589 September 2012

	Station I.D. FIELD Blank Sample I.D. FB102312								
,	Site AIRS ID#								
	GPS Location								
×	Site Description placed in svoc Sampler R4-P-010.								
	SVOC Sampler ID # R4-P-010 Site Operator 75, DF, BIV								
•	Orifice # NA Digital Manometer # NA								
•	Pressure Std # NA Temperature Std # NA								
•									
	Start Date 10 23 12 Start Time 09:16								
	Stop Date 10 23/12 Stop Time 09.16								
	Elapsed Time: Temperature Barometric Manometer Flowrate (°C) (mm Hg) (in H2O) (stp, m/minue)								
Hours	Start 2443.36 End 2443.36								
	Average								
	Total Collection Time (minutes)								
	Total Collection Volume (stp, m ³ )								
	Cartride # 76631								
A	FB collected before ambient sampling.								

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# AMBIENT AIR PCB STUDY

Anniston, Alabama SESD Project Identification Number: 12-0589 September 2012



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# AMBIENT AIR PCB STUDY

Anniston, Alabama

SESD Project Identification Number: 12-0589 September 2012

Station I.D. T Sample I.D. TAA 102312						
Site AIRS ID # NA						
GPS Location 33.64 780 N, -85.86642w ± 17 ft						
Site Description 300 Parker St Ms. Scruggs Property.						
SVOC Sampler ID # R4-P-010 Site Operator BH, 75, DF						
Orifice # 1(3.2. Digital Manometer # 0) 1311 -01						
Pressure Std # (628-97-08 Temperature Std # 020807=08						
Start Date 10 23 12. Start Time 09:40 24 hours and						
Start Date 10/23/12 Start Time 09:40  Stop Date 10/24/12 Stop Time 08:49 09:41 ( minute)						
Elapsed Time Temperature Barométric Manometer Flowrate (vC) (im Hg) (in H2O) (sip, m³/minute)						
Start 0443.36						
Average						
Total Collection Time (minutes) $24(60)+1=144)$ mire.						
Total Collection Volume (stp, m ³ )						
Stort Magnetulici 20° 120						

145

, 1.75"Hzo = 00.

Continued next page

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# **US EPA Region 4** AMBIENT AIR PCB STUDY

# Anniston, Alabama

**SESD Project Identification Number: 12-0589** September 2012

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End. 2469 Stop time.	183	Teny			ibricles 5.73	1B) N	lanometri (	insho) -155 BH 10/24/6
Using cell plus	w tru			*	ر المهيد	1 ! -	wanter	Flow rate 0.128 mg/s
d 1441		19.11			5.73		75	0.119 m/m
J)	Total	22:1 Collec			5,905	41 wii	68 wes	0.123
		Total					111.70	<b>"</b>
Ste Ma	Pou	pay	e /	3				

Sample Team Leader/Sampler Signature/Date Sample I.D. Abortase 

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# AMBIENT AIR PCB STUDY

### Anniston, Alabama **SESD Project Identification Number: 12-0589** September 2012

Site AIRS-ID#	Sample 10' FAA102312
GPS Location N 33. 659	77° W-85.84571° = 18++
Site Description Steplens Age	+ West 12x St. Snow Creek District Operation Cont
SVOC Sampler ID # 51568	Site Operator <u>45, DF, BU</u>
Orifice #1132	Digital Manometer #ott3(1+o+
Pressure Std # 628 - 99 - 0	3 Temperature Std #o2ら307 - 08
/ /	
Start Date $\frac{10/23/12}{}$	Start Time 10:25 27 hours
Stop Date 10/24/12	Start Time $\frac{10.023}{52 \text{ min}}$ Stop Time $\frac{10.17}{52 \text{ min}}$

105. m	
05:00 E	
0 %	
1432	-

r)		Elapsed T	ime Te	mperature (•C)	Barometric. (mm Hg)	Manometer (in H ₂ O)	Flowrate (stp. m ¹ /minute)
	-Start	0.36	l cs	20.1	747.86	1.55	0.120
	End	24.79		24.2	747 39	1.33 -	0.110
	Average			22.15	747-625	1.44	0.115

Total Collection Time (minutes)	23(60) + 52 =	1432
Total Collection Volume (stp, m ³ )	1645 m3	

Start. Magnetellic 18.5 End: Magnetellic 19

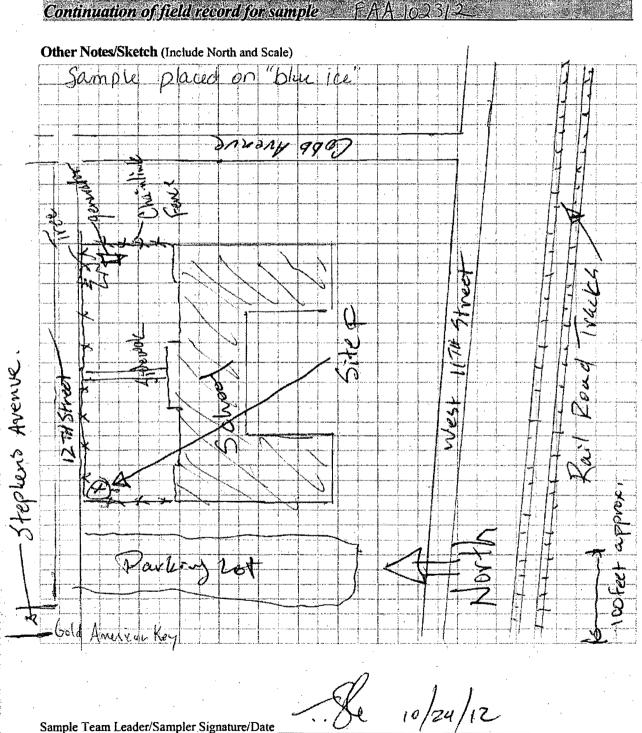
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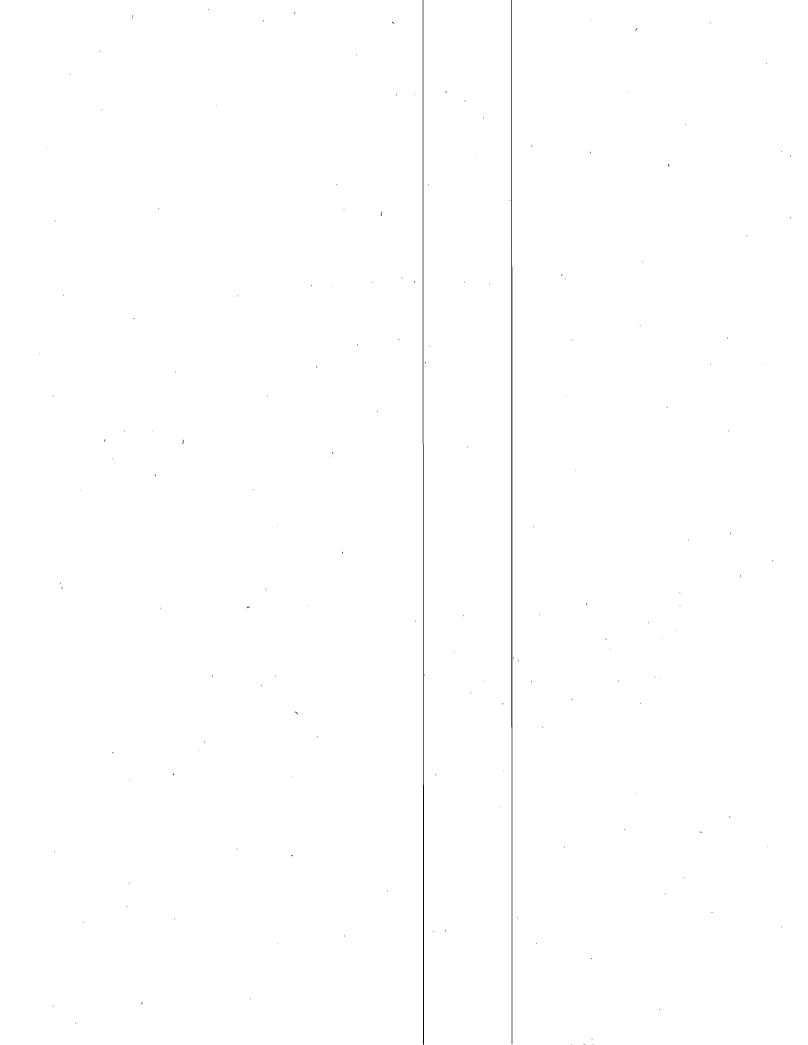
### US EPA Region 4 AMBIENT AIR PCB STUDY

Anniston, Alabama **SESD Project Identification Number: 12-0589** 

September 2012



Sample Team Leader/Sampler Signature/Date



# AMBIENT AIR PCB STUDY

Anniston, Alabama

SESD Project Identification Number: 12-0589 September 2012

	Station I.D. J Sample I.D. JAA 102312
	Site AIRS ID#
	GPS Location 33. 65582°U -85.85396° 20 ± 12.4+
	Site Description West 10th & Parkwin Ave Solutia Property
i	SVOC Sampler ID # R4-P-004 Site Operator T5, DF, BH
	Orifice # Digital Manometer # _011311 = 01
	Pressure Std # 628-99-08 Temperature Std # 620807-08
•	Start Date $\frac{10/23/12}{58 \text{ start Time}}$ Start Time $\frac{11:15}{58 \text{ min}}$
ogins cell time	Elapsed Time: Temperature: Barometric; Manometer // Flowrate
Phone 0	1021.53 hrs 37.1. 746.83 7.10 1.20 1.20 1.20 1.20
17,0000	End 1845.81 w 27.6 746.44 1.27 0.106 Average 25.85 746.645 1.26 0.106
	Total Collection Time (minutes) $\frac{1}{2}$ $\frac{23}{28}$ (60) $\frac{1}{58}$ $\frac{1438}{28}$
	Total Collection Time (minutes) 24 28(60) + 38 = 14 28
	Total Collection Volume (stp, in ³ ) 152.8 m ³
Ma	gnehelic start: 18" H20 canelalic stap: 16.5" H20
	carelalic Stap: 16.5 1120

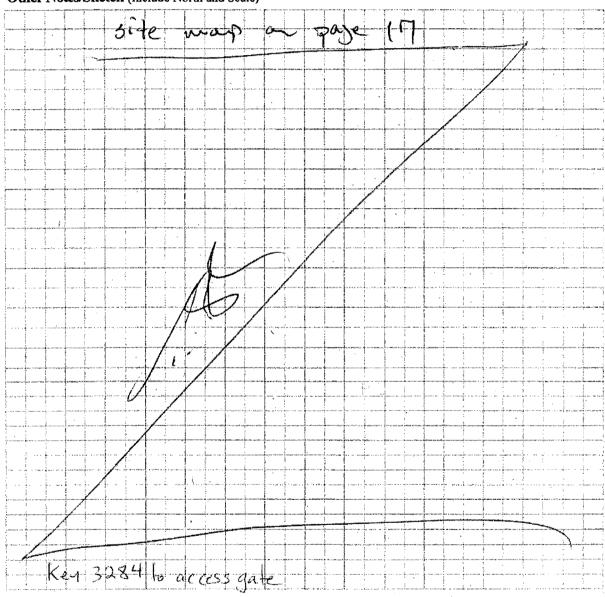
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### AMBIENT AIR PCB STUDY

Anniston, Alabama SESD Project Identification Number: 12-0589 September 2012

### Continuation of field record for sample JANIO2312

Other Notes/Sketch (Include North and Scale)



Sample Team Leader/Sampler Signature/Date

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# AMBIENT AIR PCB STUDY

### Anniston, Alabama

SESD Project Identification Number: 12-0589 September 2012

Station I.D.	Sa	mple I.D. <u>J</u>	)AA10231	
Site AIRS ID#		· NA		
GPS Location See page 8	Ś		<u>J</u>	
Site Description West 10th	,	in Acre Solution	ACOLOCALD E	Implicate.
SVOC Sampler ID # _ gu -				
Orifice # \\32		igital Manome	•	
Pressure Std # 628-99-	3			
	* 4 # 2 # # 11 12 12 11			
Start Date 10/23/12	Start Time	11:15		
Stop Date	Stop Time	)i:13	.,	
Elapsed Time To				THE PARTY OF THE P
Start 465.86 his	<u>編 (@)</u> 2 十- 1	(mmHg) -746.85		(stp/m//minute) 0.102
End 490.27 hrs	27.6	746.44	1.00	0.097
Average	25.85	746,645	1,105	0.099
Total Collection Time (minu	ites)	23(60) +3	8 = 1438	
Total Collection Volume (st	p, m³) _	142.4 m3		
Magnahelic stort: 19	"HzC			
Magnutatic stop: 18				

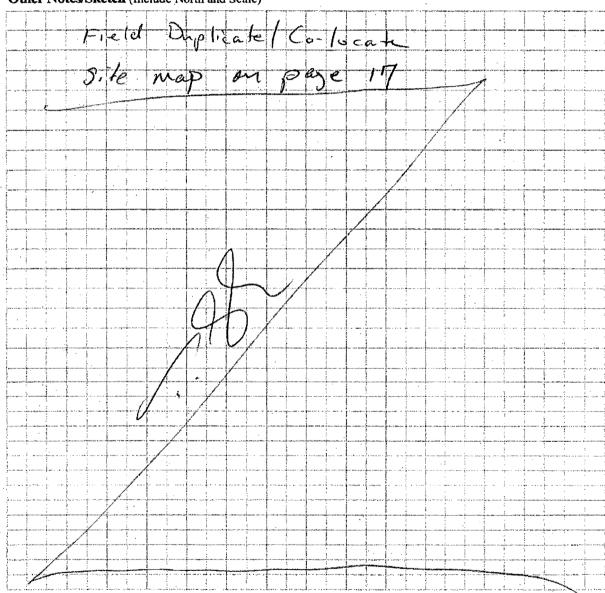
Continued next page

### AMBIENT AIR PCB STUDY

Anniston, Alabama SESD Project Identification Number: 12-0589 September 2012

### Continuation of field record for sample TDAA102312

Other Notes/Sketch (Include North and Scale)



Sample Team Leader/Sampler Signature/Date

1- 0 10/24/12

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# US EPA Region 4 AMBIENT AIR PCB STUDY

# Anniston, Alabama

### SESD Project Identification Number: 12-0589 September 2012

	Station I.D	Sample I.D. TAA102412
	Site AIRS ID#	NA
	GPS Location <u>see page 4</u>	
	Site Description See page 4	
	SVOC Sampler ID #	Site Operator
	Orifice #	Digital Manometer #
	Pressure Std #_628-99-08	Temperature Std # 020807-07
	*	cell phone time
	Start Date $\frac{10 \left(24 \right) 12}{4 \cdot 1}$ Start Time	ne 09.36 24 hours
1575 and seed find	Stop Date 10/25/12 Stop Tim	ne_09:56
	Elapsed Time Temperatu	
o 1440 min	Start 2467.83 1154525 End 2491.99 22.9	143.56 1.56 0.119
	Average 24. 25	144:63 1:63 0.122
	Total Collection Time (minutes)	24(60) 1440
	Total Collection Volume (stp, m ³ )	175.6 m3
	Start Magnetelic : 18.5" 140	

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### AMBIENT AIR PCB STUDY

Anniston, Alabama SESD Project Identification Number: 12-0589 September 2012

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Sample Team Leader/Sampler Signature/Date

128/10/25/12

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### AMBIENT AIR PCB STUDY

### Anniston, Alabama

### SESD Project Identification Number: 12-0589 September 2012

•	Station I.D. F	Sample I.D. F	AA 102412	an
	Site AIRS ID # N/A			
	GPS Location Sec p.6			
•	Site Description See p.6			
	SVOC Sampler ID # S15683	Site Operator	· 75, BH,	DF
	Orifice #	Digital Manomet	er#_ <i>011311</i>	-01
·	Pressure Std # 628-49-68	Temperature Std	# <u>0208</u> 2	7-08
		cell plume t	2	
	Start Date 10/24/12 Start Time	me <u>[0]30</u>	74 ho	NS
using bod certificat			_	•
time	The same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the sa		Manometer	Flowrate (sip, m³/moute)
e440 min	Start x 24.79 hrs 25.0	747.39	1.31	0.167
(4.40 m.)	End 49 34 hrs. 23.7  Average 24.35	745.35	131	0,109
	Total Collection Time (minutes)	24(60)=1	***************************************	
	Total Collection Volume (stp, m ³ )	_156.6 W	<u> </u>	
,	Magnehelic Start: 17 inc Magnehelic end: 13	thes of $H_2O$ $1470$		

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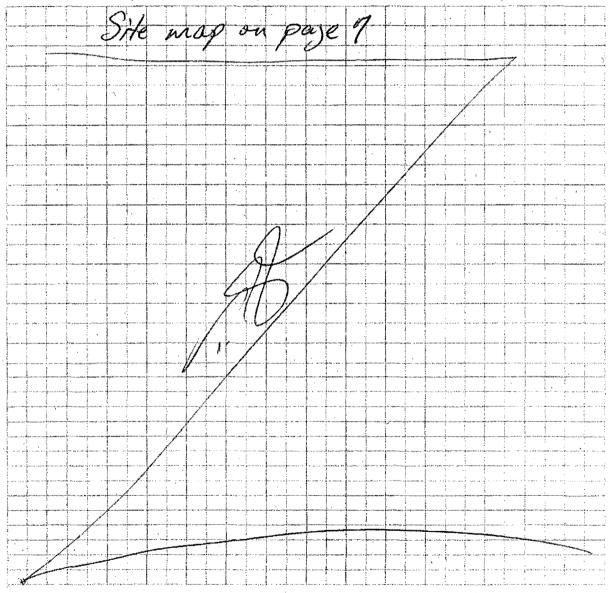
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### AMBIENT AIR PCB STUDY

Anniston, Alabama SESD Project Identification Number: 12-0589 September 2012

Continuation of field record for sample FAA 102412

Other Notes/Sketch (Include North and Scale)



Sample Team Leader/Sampler Signature/Date

10/25/12

. 

### AMBIENT AIR PCB STUDY

### Anniston, Alabama

### SESD Project Identification Number: 12-0589 September 2012

	Station I.D.	Sample I.D. <u>JAA 102412</u>
	Site AIRS ID# NA	
	GPS Location See page 8	
	Site Description See Page 8	o' .
	SVOC Sampler ID # R4-P-009	Site Operator Ts, OF, BH
	Orifice #	Digital Manometer # <u>01/3/1-0</u>
	Pressure Std # 628-99-08	Temperature Std # <u>020807-08</u>
		Cell phone time
	Start Date $\frac{10/24/12}{}$ Start Ti	
)	Stop Date 10 25 ) 2 Stop Ti	me <u>11:32</u>

cell place

0 1440min

Elapsed Time	Temperature		24.1 A 7.5 TO THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE	Decree Control of the
	-:: iCi (eC)	(mm Hg)	(in H ₂ O)	(Stp.; m/minute)
Start 1945,81	29.8	746.60	1,13	0.160
End 1870 .35	26.9	744.41	1.08	0,097
Average	28.35	745, 505	1, 105	0.099

Total Collection Time (minutes)

Total Collection Volume (stp, m³)

141.8 m 3

start magrahelie: 18 "Itzo stop magnetalie: 15 "H20

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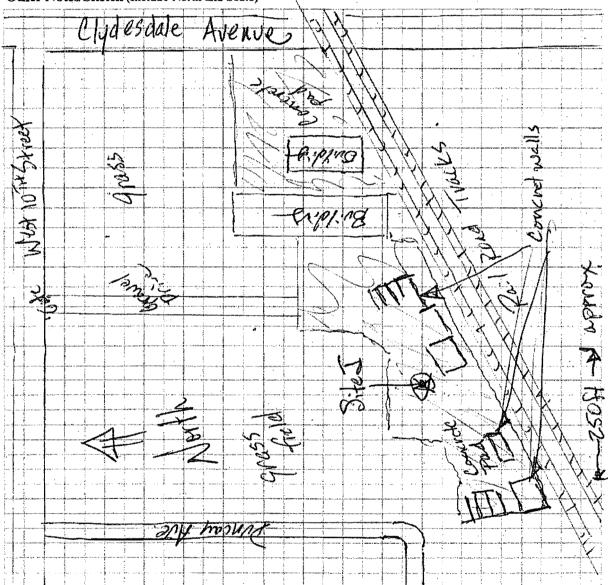
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### AMBIENT AIR PCB STUDY

Anniston, Alabama **SESD Project Identification Number: 12-0589** September 2012

Continuation of field record for sample JAA102412

Other Notes/Sketch (Include North and Scale)



Sample Team Leader/Sampler Signature/Date

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### AMBIENT AIR PCB STUDY

### Anniston, Alabama

### SESD Project Identification Number: 12-0589 September 2012

Station I.D.	Sample I.D. JDAA 1024/2
Site AIRS ID#	
GPS Location See page 8.	· .
Site Description Sel page 8	
SVOC Sampler ID # <u>£4- f-005</u>	Site Operator
Orifice #//3/2	Digital Manometer # _ O[13]1- O[
Pressure Std # <u>628-99-08</u>	Temperature Std # <u>020807 - 08</u>
	cell phone triens
Start Date $10/24/12$ Start Tin	ne 11:32 = 5 24 hours
Stop Date 10 25 12 Stop Tim	ne <u>///32</u>

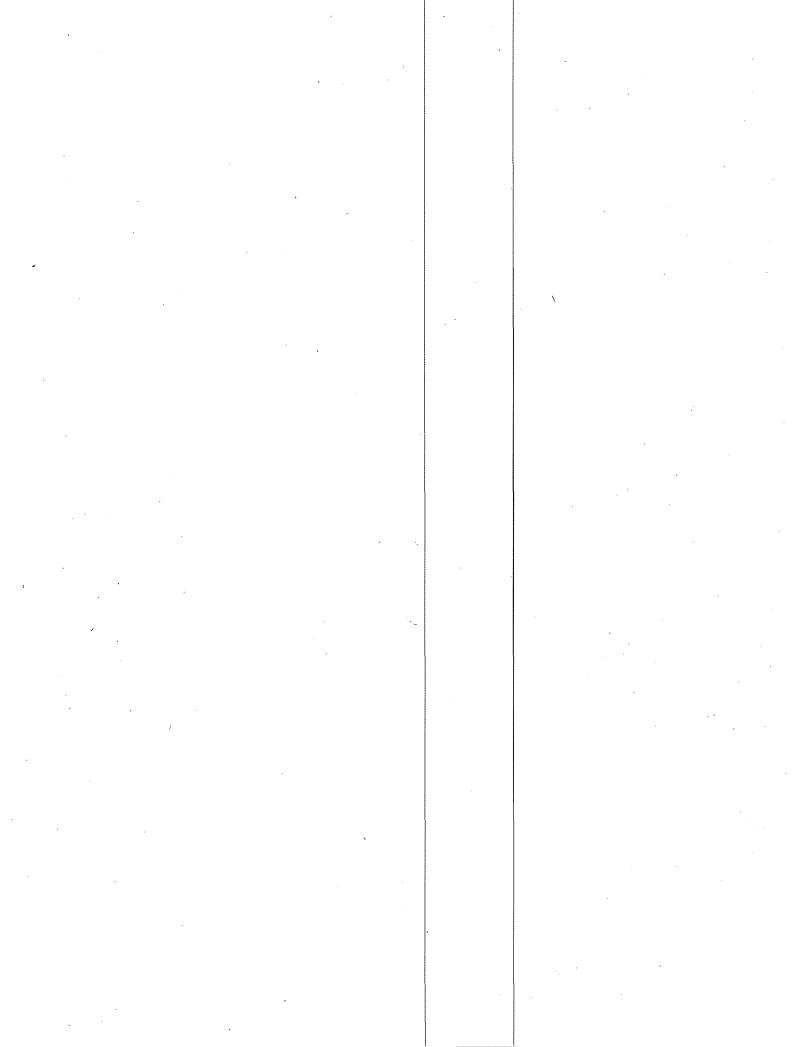
Cell France Live O 1440 mis

Elapsed Time	Temperature (°C)	Barometric (mm Hg)	Manometer (in H ₂ O)	Flowrate, (stp, m³/minute)
Start 490.27 hrs	29.8	746.60	1.22	0.104
End 514, 82 4,5	26.9	744.41	(.33	9,107
Average	28,35	145,505	1,215	8.106

Total Collection Time (minutes) 240

Total Collection Volume (stp, m³)

Continued next page

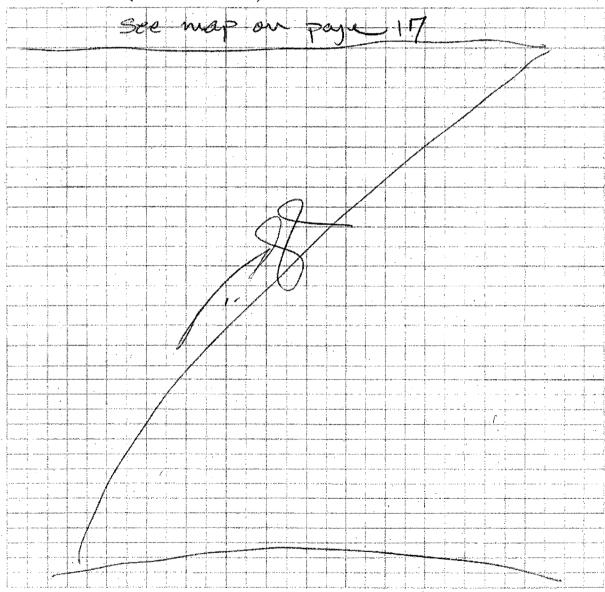


### AMBIENT AIR PCB STUDY

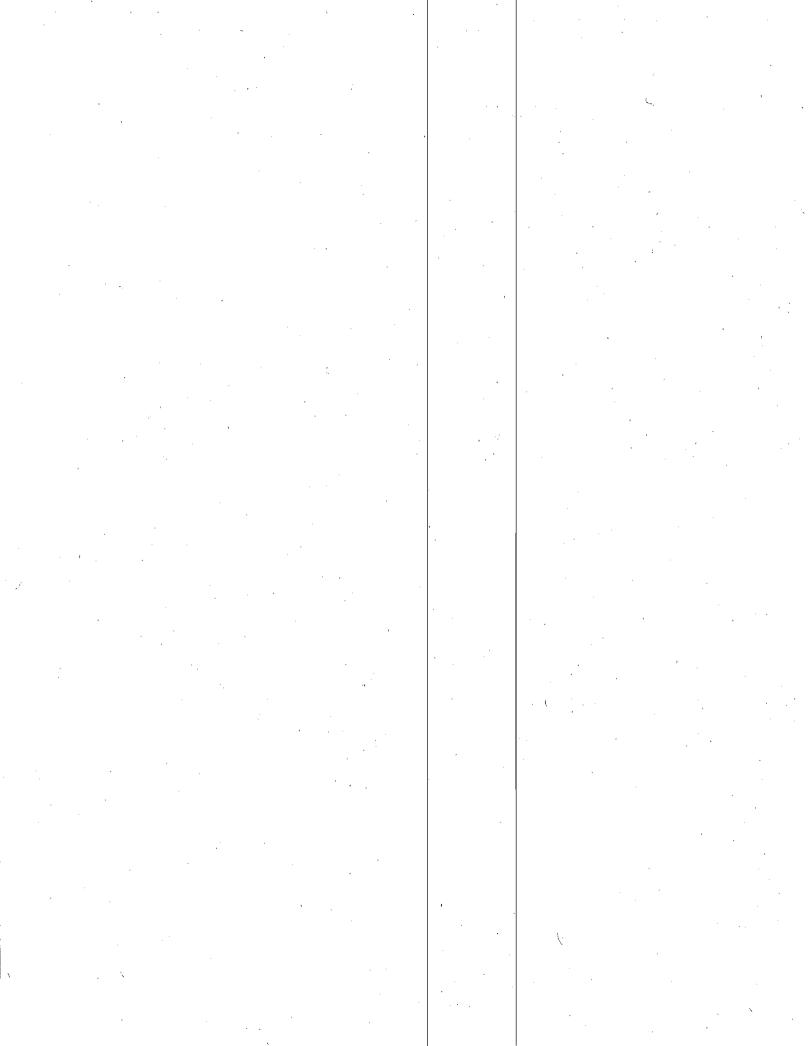
Anniston, Alabama **SESD Project Identification Number: 12-0589** September 2012

Continuation of field record for sample TOAA 024/2

Other Notes/Sketch (Include North and Scale)



Sample Team Leader/Sampler Signature/Date

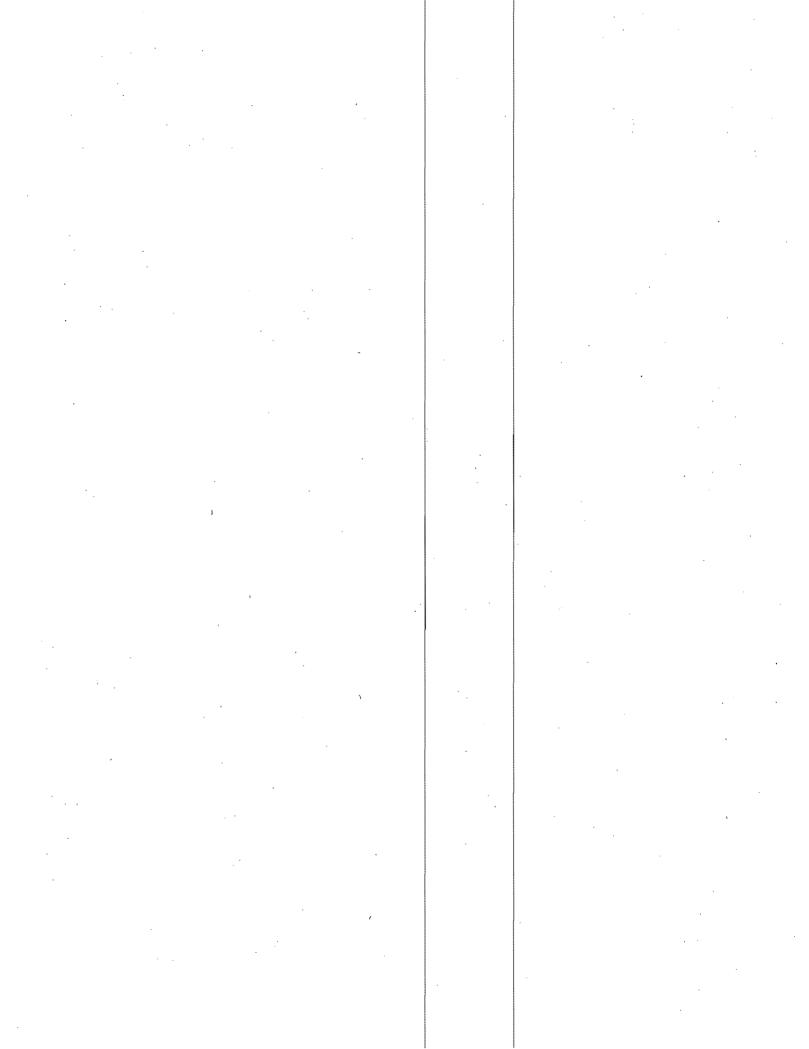


## US EPA Region 4 AMBIENT AIR PCB STUDY

Anniston, Alabama

SESD Project Identification Number: 12-0589 September 2012

Station I.D. # RYDART基	Sample I.D	<u> </u>	2
Site AIRS ID#	NA		
GPS Location	NA.		
Site Description Placed 1-10	Sample RH-	p-010 at sta	tion I
SVOC Sampler ID # R4-P-0		,	
Orifice#	Digital Mano	ometer#	Α
Pressure Std #	Temperature	Std #	<u> </u>
	erature Barometr		
(-0	E) * * * * * * * (mm Hg)	(in H ₂ O)	
End // Average	A NA	7 / / / / -	f 'v
			299575554242
Total Collection Time (minutes)  Total Collection Volume (stp, m ³	)		
Cartridge not placed contamination from o	in sampler the page of a Continued next page	to avoid pot mbient sau	ential upling.

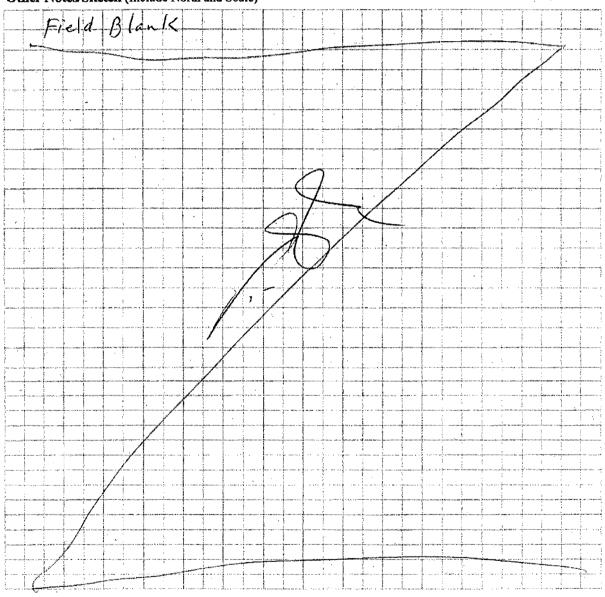


### AMBIENT AIR PCB STUDY

Anniston, Alabama SESD Project Identification Number: 12-0589 September 2012

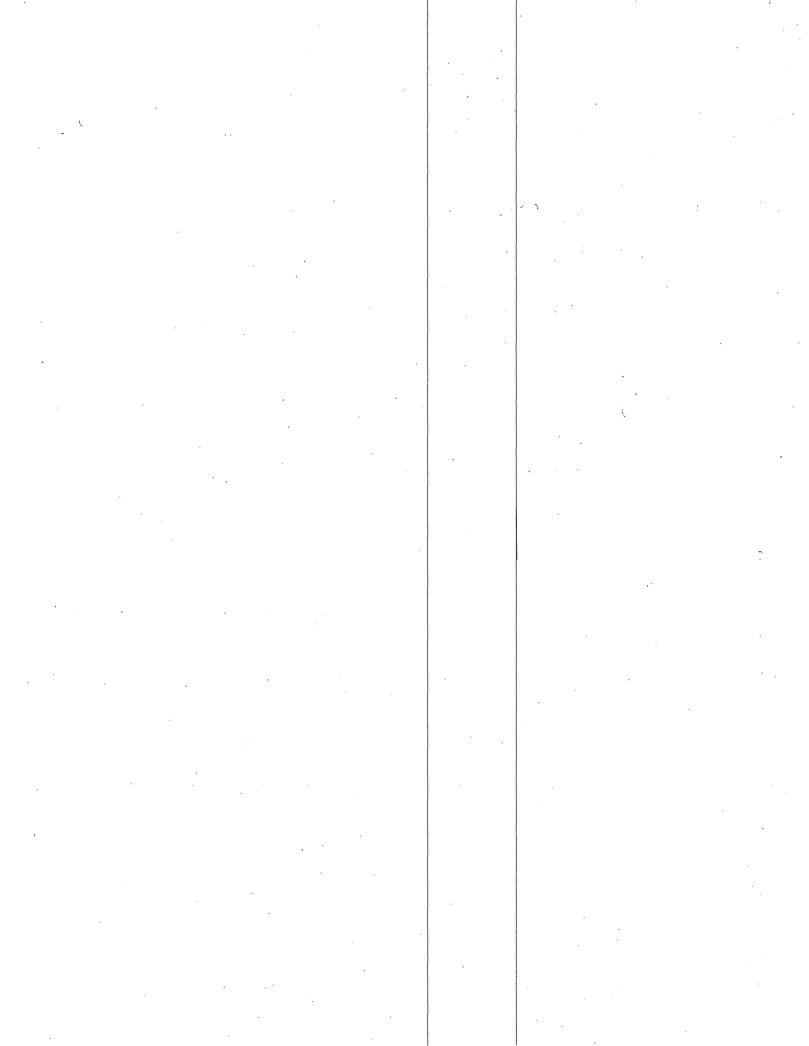
Continuation of field record for sample F B102412

Other Notes/Sketch (Include North and Scale)



Sample Team Leader/Sampler Signature/Date

M. de 10/25/12



# US EPA Region 4 AMBIENT AIR PCB STUDY

### Anniston, Alabama

SESD Project Identification Number: 12-0589 September 2012

Station I.D.	Sar	mple I.D		
Site AIRS ID#				
GPS Location				
Site Description		N.	<u>/ :                                     </u>	a money and a second second
SVOC Sampler ID #		Site Operato	r	
Orifice #	1,00	igital Manome		
* Pressure Std #		emperature Std	#	
	<i>5</i> ·····/			••••••
Start Date	Start Time	10/r		
Stop Date	Stop Time		<del></del>	
	emperature (40)	Barometric (mm/Hg)	Manometer, (in H ₂ O)	Flowrate (stp, m ³ /minute)
Start / End				
Average: //				
Total Collection Time (min	utes) _	•		
Total Collection Volume (s	tp, m ³ )			***************************************
End-o	f Report			

Continued next page

, .

#### Scully, Pam

From:

Scully, Pam

Sent:

Monday, October 06, 2014 10:36 AM

To:

Community Advisory Group

Subject:

Fw: REPORT for Anniston PCB Air Study, June 2013

**Attachments:** 

REPORT Anniston 2013 PCB Air Study.pdf

Follow Up Flag:

Follow up

Flag Status:

Completed

From: Scully, Pam

Sent: Wednesday, November 6, 2013 2:08 PM

To: Community Advisory Group

Subject: FW: REPORT for Anniston PCB Air Study, June 2013

#### Cindy,

I forwarded this report to ATSDR on October 23, 2013, and asked them to contact the CAG directly to set up a meeting about PCB concentrations in air. The maximum concentrations detected in June was lower than the maximum detected October last year, so ATSDR may not produce another written report.

Pam

From: Slagle, Tim

Sent: Wednesday, October 23, 2013 11:02 AM

To: Scully, Pam

Cc: Ackerman, Laura; Tanksley, Jelene

Subject: REPORT for Anniston PCB Air Study, June 2013

Hi Pam

Attached is the Anniston PCB Air Study Report that was conducted in Anniston, Alabama, June 25-27, 2013. If you have

any questions concerning the report or sampling investigation, please call me at (706) 355-8741 or e-mail me at Slagle. Tim@epa.gov.

**Thanks** 

Tim Slagle United States Environmental Protection Agency Science and Ecosystem Support Division 980 College Station Road Athens, Georgia 30605

office phone 706-355-8741



### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 4

Science and Ecosystem Support Division Enforcement and Investigations Branch 980 College Station Road Athens, Georgia 30605-2720

October 23, 2013

Faura Oda

4SESD-EIB

### **MEMORANDUM**

SUBJECT:

Anniston PCB Air Study

Anniston, Alabama

SESD Project # 13-0063

FROM:

Tim Slagle

Superfund and Air Section

THRU:

Laura Ackerman, Chief

Superfund and Air Section

TO:

Pamela J. Langston Scully, Remedial Project Manager

Superfund Division Atlanta Federal Center 61 Forsyth Street, SW

Atlanta, Georgia 30303-8960

Attached is the Anniston PCB Air Study Report that was conducted in Anniston, Alabama, June 25-27, 2013. If you have any questions concerning the report or sampling investigation, please call me at (706) 355-8741 or e-mail me at Slagle.Tim@epa.gov.

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### United States Environmental Protection Agency Region 4

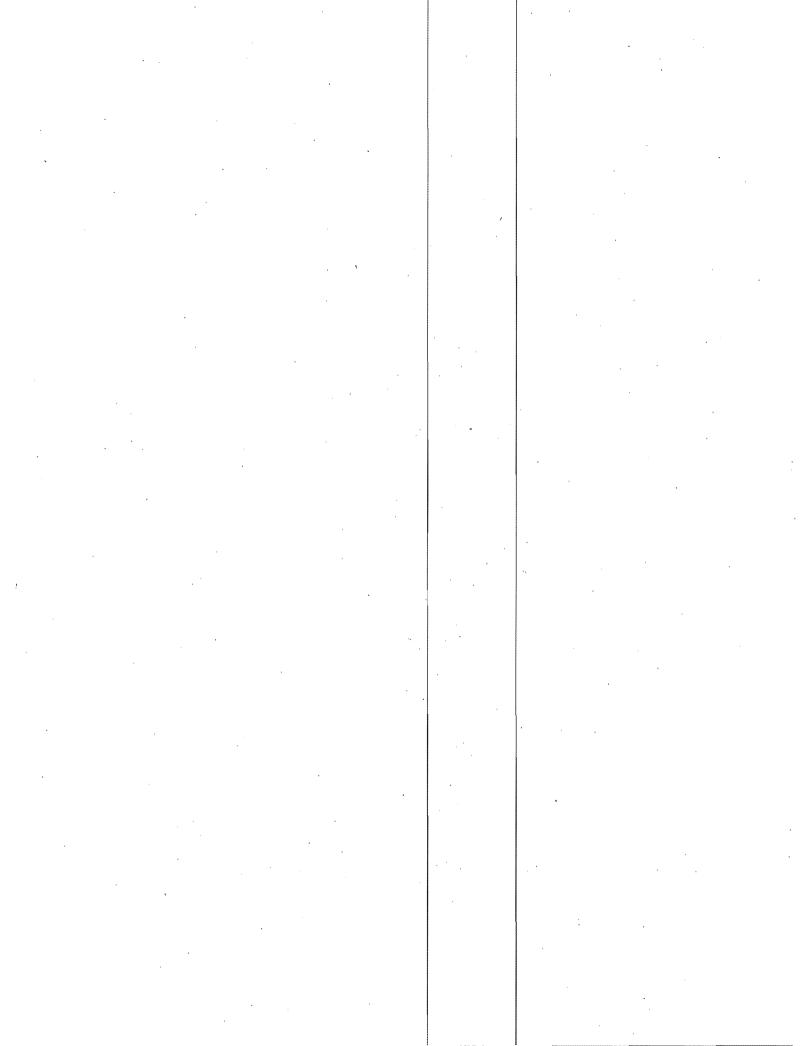
Science and Ecosystem Support Division 980 College Station Road Athens, Georgia 30605-2720



# Report Anniston PCB Air Study Anniston, Calhoun County, Alabama June 25-27, 2013

**SESD Project Identification Number: 13-0063** 

Requestor: Pamela J. Langston Scully, Remedial Project Manager Superfund Division USEPA 61 Forsyth St. SW Atlanta, Georgia 30303-8960 SESD Project Leader: Tim Slagle Enforcement and Investigations Branch USEPA 980 College Station Road Athens, Georgia 30605-2720



### Title and Approval Sheet

Title: Report, Anniston PCB Air Study

Anniston, Calhoun County, Alabama

Document Type: Investigation Final Report

**Approving Official:** 

Laura Ackerman, Chief Superfund and Air Section

Enforcement and Investigations Branch

10 23 13

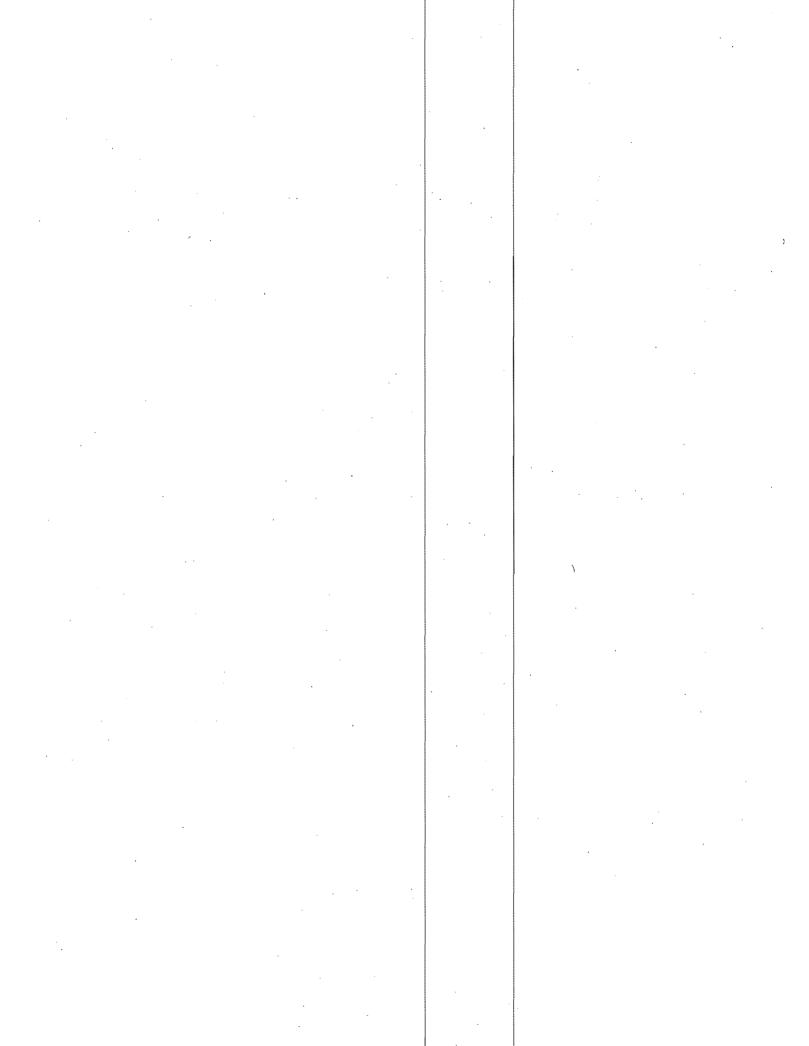
**SESD Project Leader:** 

Tim Slagle, Regional Expert
Superfund and Air Section

Enforcement and Investigations Branch

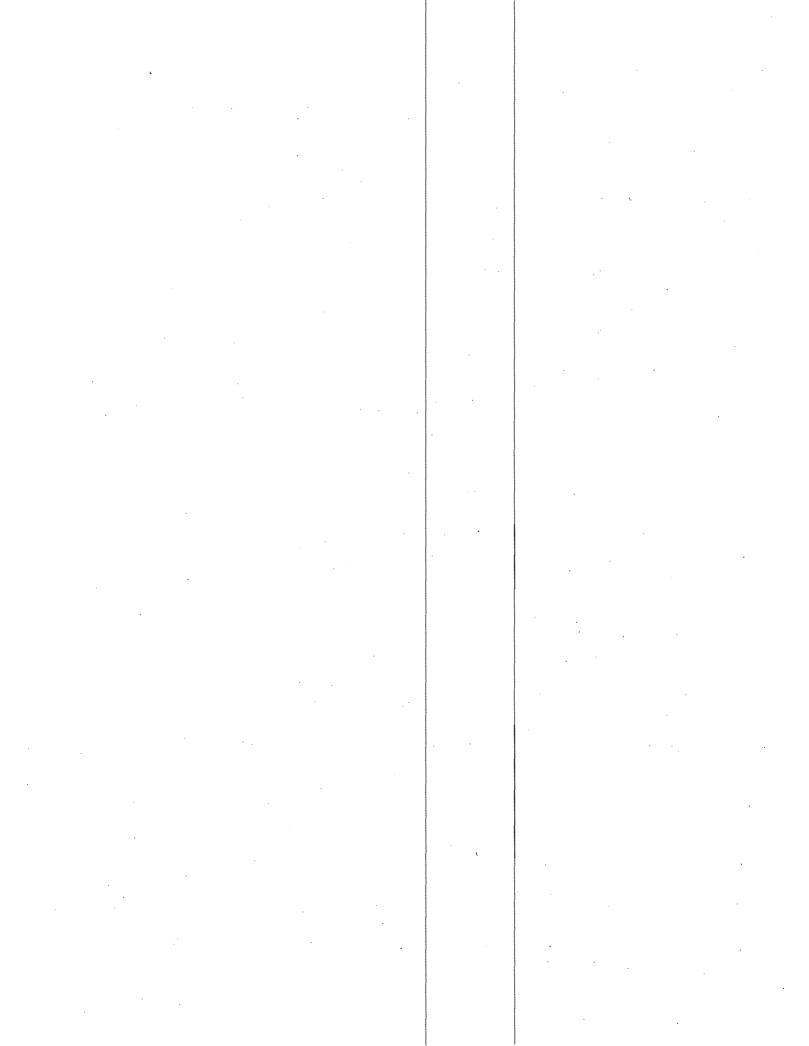
Oct 23, 2013

Date



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### Anniston PCB Air Study Anniston, Alabama June 25-27, 2013

#### INTRODUCTION

On June 25-27, 2013, Tim Slagle, US EPA, Region 4, Science and Ecosystem Support Division (SESD), along with Don Fortson and Brian Herndon Integrated Laboratory Systems (ILS), collected ambient air samples from properties around the Solutia Superfund Site located in Anniston, Alabama. The investigation was requested by Pamela J. Langston Scully, Remedial Project Manager (RPM), Superfund Division, Region 4 USEPA, 61 Forsyth St., SW, Atlanta, GA 30303-8909.

#### **BACKGROUND**

#### Site Description

The city of Anniston, Alabama is located at approximately 33.66° North latitude and -85.83° West longitude (decimal degrees) in Calhoun County. The Solutia facility is located at 702 Clydesdale Avenue, Anniston, AL 36201 approximately 33.65° North latitude and -85.85° West longitude.

### Site History

The Anniston Polychlorinated Biphenyl (PCB) Site consists of residential and commercial properties located in and around Anniston, Calhoun County, Alabama. The Site is being investigated for PCBs and other contaminants by the U.S. Environmental Protection Agency (EPA). Previous site investigations by the Alabama Department of Public Health (ADPH), the Alabama Department of Environmental Management (ADEM), the Agency for Toxic Substances and Disease Registry (ATSDR), and EPA Region 4 have shown that PCB contamination is present in the Anniston area.

The Solutia facility in Anniston, Alabama, is one of two facilities in the United States that produced PCBs (Aroclors). PCB production ceased in 1971 in Anniston. The Solutia Anniston plant occupies 70 acres of land, about 1 mile west of downtown Anniston. The site is bounded to the north by the Norfolk Southern and Erie railroads, east and west by residential properties, and south by U.S. Highway 202. The Solutia facility includes two landfills which received PCB waste material.

The facility is regulated under the Alabama Hazardous Waste Management and Minimization Act (HWMMA). EPA has authorized ADEM to implement the Resource Conservation and Recovery Act (RCRA) through the HWMMA in lieu of the federal RCRA program. Through investigations initiated under the RCRA program, EPA and ADEM have determined that the Solutia facility, the adjacent community, and the drainage ditches exiting the property as well as the downstream waterways (Snow Creek, Choccolocco Creek, and the Coosa River-Lake Logan Martin) are contaminated with PCBs.

Solutia has conducted investigations of the facility and adjacent community and has instituted interim measures toward eliminating further releases and minimizing human exposure.

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#### **Pollutants and Potential Sources**

A polychlorinated biphenyl (PCB) is any of the 209 configurations of organochlorides with 1 to 10 chlorine atoms attached to biphenyl, which is a molecule composed of two benzene rings. The chemical formula for a PCB is  $C_{12}H_{10-x}Cl_x$  (where x equals the number of chlorine atoms).

PCBs were widely used as dielectric and coolant fluids, for example in transformers, capacitors, and electric motors. Due to PCBs' environmental toxicity and classification as a persistent organic pollutant, PCB production was banned by the United States Congress in 1979.

#### **PCB Congeners**

A PCB congener is any single, unique well-defined chemical compound in the PCB category. The name of a congener specifies the total number of chlorine substituents and the position of each chlorine atom. For example: 4,4'-Dichlorobiphenyl is a congener comprising the biphenyl structure with two chlorine substituents, one on each of the #4 carbons of the two rings. In 1980, a numbering system was developed which assigned a sequential number to each of the 209 PCB congeners.

#### **PCB Homologs**

Homologs are subcategories of PCB congeners having equal numbers of chlorine substituents. For example, the tetrachlorobiphenyls are all PCB congeners with exactly 4 chlorine substituents that may be in any arrangement (Table 2).

Although there have been several areas throughout the city of Anniston contaminated with PCBs and subsequently remediated, the community is concerned that PCB concentrations that may be present in the ambient air.

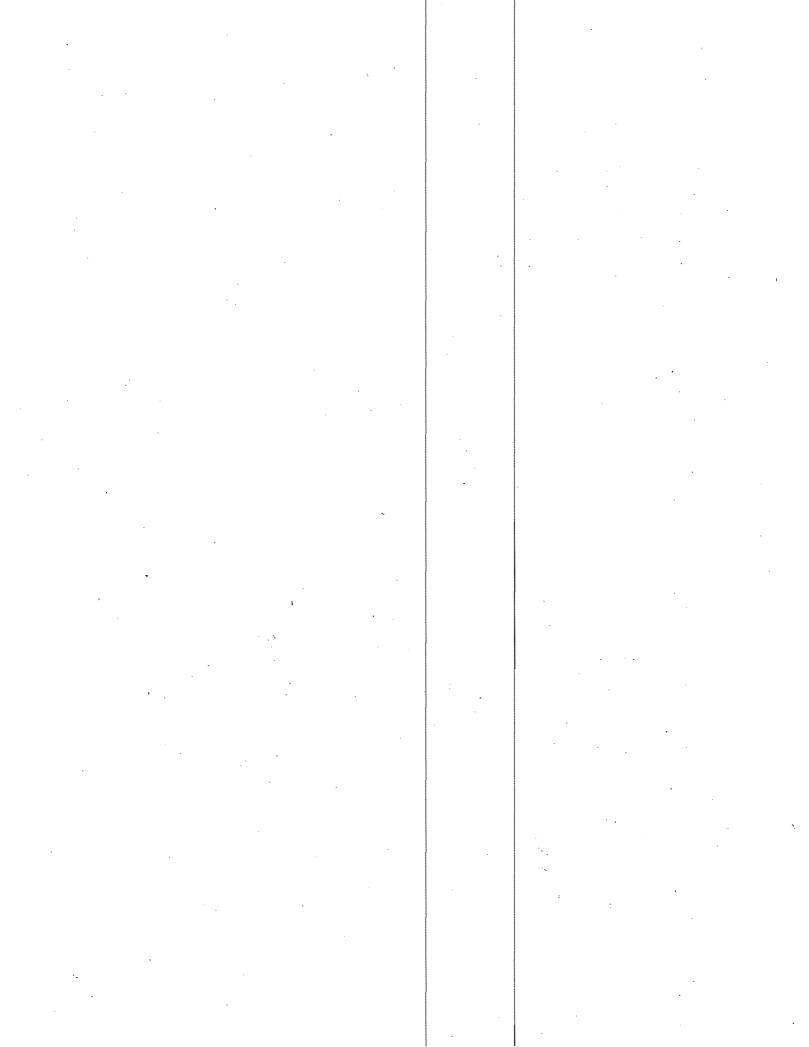
#### **OBJECTIVE**

The overall goal of this effort was to collect data of sufficient quality and quantity to determine if Anniston residents in the study area are being exposed to PCB concentrations in the ambient air at levels that may pose a potential health hazard. The PCB data collected has been summarized into homolog concentrations at the request of US EPA Region 4 Human Health Risk Assessors to compare the data collected in this study with data from previous studies.

This air study is the second study in a series of two requested by Pam Scully. The first study was conducted in October of 2012. The data from the two studies will be used by Regional Health Assessors to determine if seasonal variations in the climate cause the ambient air concentrations to pose a potential health risk to residents in the affected area.

#### SAMPLING DESIGN

SESD used an authoritative sampling design to collect ambient air samples to satisfy the data quality objectives of the study. Three sampling stations (F, I, and J) were selected for sampling by Tim Slagle and Pamela Langston Scully, US EPA Region 4 for the October 2012 air study. These same locations



were used for this air study and are listed in Table 1 and designated by yellow push pins on the site map (Appendix A; Figure 1).

Table 1

Air Sample Station Locations

Station ID	Location	Latitude	Longitude
F	Stephens Avenue & West 12 th Street on Solutia property	33.65977°	-85.84371°
I	300 Parker Street	33.64780°	-85.86642°
J	West 10th Street & Parkwin Avenue on Solutia property	33.65582°	-85.85396°
Meteorological	Clydesdale Avenue & West 7 th Street on Solutia	33.653213°	-85.853138°
Site	property		

On June 24, 2013, SESD established air sampling stations at each of the locations in Table 1. A duplicate monitoring site was located at Station J (Appendix B; Photo #3). The sample collection was conducted over a period of 3 consecutive days. The samples were collected over 2 nominal 24-hour periods. The sampling stations were selected to ascertain ambient air concentrations of PCBs that may be emanating from the Solutia Site into the surrounding neighborhoods.

To allow for a more complete understanding of the meteorological conditions associated with pollutant concentrations, wind speed and wind direction, were collected from a temporary meteorological station located at the intersection of Clydesdale Avenue and West 7th Street on Solutia property near the entrance to the facility (Appendix B; Photo #4), which is marked by a blue triangle in Figure 1.

#### INVESTIGATION METHODOLOGY

#### **Task Description**

SESD personnel collected ten 24-hour air samples during this investigation. The air samples were collected in accordance with US EPA Compendium Method TO-4A Determination of Pesticides and Polychlorinated Biphenyls in Ambient Air Using High Volume Polyurethane Foam (PUF) Sampling Followed by Gas Chromatographic/Multi-Detector Detection (GC/MD) and shipped to a contract lab for PCB analysis.

#### **Ambient Air Sampling Procedure:**

SESD collected ten 24-hour ambient air samples including Quality Assurance/Quality Control (QA/QC) samples. Analysis of the air samples for PCB Homologues was conducted by a CLP laboratory in accordance with US EPA Compendium Method TO-4A Determination of Pesticides and Polychlorinated Biphenyls in Ambient Air Using High Volume Polyurethane Foam (PUF) Sampling Followed by Gas Chromatographic/Multi-Detector Detection (GC/MD) and EPA Method 1668B Chlorinated Biphenyl Congeners in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS November 2008. Laboratory QA/QC procedures were conducted in accordance with the guidelines incorporated in the analytical methods.

Sample custody was maintained by SESD until samples were shipped to the Contract Laboratory Program (CLP) laboratory for analysis. All samples were collected and handled in accordance with the EPA Region 4 SESD Field Branches Quality System and Technical Procedures. The following specific

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procedures were used during sample collection for all direct field measurements and sampling activities:

SESDPROC-303-R4 Ambient Air Sampling

SESDPROC-110-R3 Global Positioning System (GPS)

SESDPROC-005-R2 Sample and Evidence Management

SESDPROC-010-R5 Log Books

SESDPROC-205-R2, Field Equipment Cleaning and Decontamination

SESDPROC-209-R2, Packing, Marking, Labeling and Shipping of Environmental and Waste Samples

### SAMPLE IDENTIFICATION PROTOCOLS:

The air sampling Station IDs that were used for this investigation are listed in Table 1. The individual Sample IDs began with the Station-ID and was followed by matrix identifier; AA for ambient air or FB for field blank. The matrix identifier was followed by the month-day-year of the sampling event. For example, sample station J sampled on June 25, 2013 would have a Sample ID as follows: JAA062513

Air duplicate samples were identified with a "D" following the sampling station ID. For Example, a duplicate air sample collected at sample station J sampled on June 25, 2013 would have a Sample ID as follows:

JDAA062513

#### RESULTS

The air sampling locations are described in Table 1. The list of compounds was limited to PCB Homologs found in the ambient air in the city of Anniston from previous air studies, which are listed in Table 2. A summary table of the PCB Homolog analytical results for the air samples collected is contained in Table 3. A map of the study area; denoted as Figure 1 is provided in Appendix A. Appendix B contains photographs of each of the sampling stations and the meteorological station. Appendix C contains the meteorological data for the two 24-hour sampling periods. The Laboratory Analytical Report is attached as Appendix D. The Field Logbook is attached as Appendix E.

The Laboratory Analytical Report is attached as Appendix D, which contains the analytical results for each of the PCB homologs, 209 PCB congeners and applicable TEQs (Toxic Equivalents). The concentration of the analytes is reported in nanograms per cubic meter of air (ng/m³). A Report Narrative on page 2 of Appendix D discusses in detail the data quality factors requiring qualification of the analytical results. In addition, numerical values for the non-detected PCB congeners have been included in the Laboratory Analytical Report. The "non-detects are followed by a "U" which is a "Data Qualifier" that denotes that the analyte was not detected above the listed Minimum Reporting Limit (MRL). The listed value is the associated MRL and may vary between samples based on the dilutions required to quantitate the PCB concentrations. It is important to note that some of the MRLs listed for the non-detects may change between samples and the associated PCB may be present at a concentration less than the reported MRL.

Many of the PCB congener analytical results in Appendix D are followed by "Data Qualifiers" that are listed on page 5 of the Laboratory Analytical Report and are summarized below:

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- U The analyte was not detected at or above the reporting limit.
- B-4 Level in blank impacts MRLs.
- CLP33 Poor Chromatography Split Peaks and/or Poor Peak Shape Present
- J The identification of the analyte is acceptable; the reported value is an estimate.

The wind speed and direction data is tabulated by each sample period in Appendix C. The tabulated periods are longer than 24 hours and overlap each other to account for the setup and travel time between sample stations. The actual collection time of each sample is a nominal 24 hours.

The first sampling period started on Tuesday, June 25, 2013 at 09:10, the wind direction was variable, with hourly wind speed averages between 0.4 mile per hour (mph) and 5.7mph, with occasional gusts up to 13 mph, until the end of the sampling period at 11:00 on Wednesday, June 26. The highest concentrations of Total PCB Homologs in the ambient air for this sampling period were recorded at Sample Station J which is located at West 10th Street & Parkwin Avenue on Solutia owned property. This site is located east of the Solutia facility. A photo depicting the collection of the air sample is recorded in Appendix B; Photo #3. The concentrations of the Total PCB Homologs at each sample station during the first sampling period are listed below;

Sample Station F (west site) Stephens Avenue & West 12th Street FAA062513

**Total PCB Homologs** 

 $3.0 \text{ ng/m}^3$ 

Sample Station I (east site) 300 Parker Street IAA062513

**Total PCB Homologs** 

 $8.0 \text{ ng/m}^3$ 

Sample Station J (central site)
West 10th Street & Parkwin Avenue
JAA062513

Total PCB Homologs

 $13 \text{ ng/m}^3$ 

Sample Station J (Duplicate)
West 10th Street & Parkwin Avenue
JDAA062513

Total PCB Homologs

 $13 \text{ ng/m}^3$ 

The second sampling period started on Wednesday, June 26, 2013 at 09:22, the wind was generally out of the southeast, with hourly wind speed averages between 3.5mph to 8.1 mph, with occasional gusts up to 22 mph, until the end of the sampling period at 11:11 on Thursday, June 27. The highest concentrations of Total PCB Homologs in the ambient air were again recorded at Sample Station J which is located at West 10th Street & Parkwin Avenue on Solutia owned property. The concentrations of the Total PCB Homologs at each sample station during the second sampling period are listed below;

Sample Station F (west site)
Stephens Avenue & West 12th Street
FAA062613

**Total PCB Homologs** 

 $4.7 \text{ ng/m}^3$ 

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Sample Station I (east site) 300 Parker Street IAA062613

**Total PCB Homologs** 

 $1.3 \text{ ng/m}^3$ 

Sample Station J (central site)
West 10th Street & Parkwin Avenue

JAA062613

**Total PCB Homologs** 

 $19 \text{ ng/m}^3$ 

Sample Station J (Duplicate)

West 10th Street & Parkwin Avenue

JDAA062613

**Total PCB Homologs** 

 $19 \text{ ng/m}^3$ 

### **QUALITY ASSURANCE**

Duplicate air sample results obtained from the samples collected at sample station J were similar, during both 24-hour sampling periods, confirming the method precision was good. Photos showing the collection of these air samples is recorded in Appendix B; Photo #3.

A field blank sampling cartridge was collected on the first sampling day. A field blank cartridge is removed from the shipping container and placed in the sampler, but not exposed, to check the possibility of contamination of the air samples during handling, transport and storage. Analysis of the field blank cartridge showed trace level amounts of PCB homologs that are present in the ambient air. The amount of each homolog and the resulting Total PCBs that are present in each field blank are listed in Table 3. The PCB results found in the field blanks are typical for air samples analyzed by this methodology. The PCB concentrations detected in the field blanks do not affect the quality of the data.

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## **TABLES**

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Table 2
PCB Homolog Analytes

PCB Homolog	CASRN	Chlorine Atom Substituents	Number of Congeners
Monochlorobiphenyl	27323-18-8	. 1	3
Dichlorobiphenyl	25512-42-9	2	12
Trichlorobiphenyl '	25323-68-6	3	24
Tetrachlorobiphenyl	26914-33-0	4	42
Pentachlorobiphenyl	25429-29-2	5	46
Hexachlorobiphenyl	26601-64-9	6	42
Heptachlorobiphenyl	28655-71-2	7	24
Octachlorobiphenyl	55722-26-4	8	12
Nonachlorobiphenyl	53742-07-7	9	3
Decachlorobiphenyl	2051-24-3	10	1 .

**CASRN** = Chemical Abstracts Service Registry Number

Table 3

Anniston PCB Air Study PCB Homolog Sample Results
June 25-27, 2013

Sam	ple ID	FB062513	FAA062513	FAA062613	IAA062513	IAA062613	JAA062513	JAA062613	JDA A 062513	JDAA062613
N	Aatrix	Field Blank	Ambient Air	Ambient Air	Ambient Air	Ambient Air	Ambient Air	Ambient Air	Ambient Air	Ambient Air
Sample	Date	¥6/25/2013	6/25/2013	6/26/2013	6/25/2013	6/26/2013	6/25/2013	6/26/2013	6/25/2013	6/26/2013
Analyte	Units									
Monochlorobiphenyl (Total)	ng/m3	< 0.00025 U	0.16	0.19	0.23	0.022	13	1.8	1.4 %	1.9
Dichlorobiphenyl (Total)	ng/m3	0.026	.0.73	1.3	2.5	0.34	3.6	5.4	3.7	5.5
Trichlorobiphenyl (Total)	ng/m3	0.017	0.97	1.7	3.6	0.47	4.6	6.9	4.6	7.1
Tetrachlorobiphenyl (Total)	ng/m3	0.017	0.71	0.97	13	0.38	2.7	3.6	2.4	3.0
Pentachlorobiphenyl (Total)	ng/m3	0.010	0.30	0.35	0.20	0.066	0.64	0.86	0.64	0.80
Hexachlorobiphenyl (Total)	ng/m3	0.012	0.12	0.14	0.066	0.035	0.22	0.32	0.22	0.30
Heptachlorobiphenyl (Total)	ng/m3	0.0012	0.031	0.033	0.013	0.0085	0.059	0.079	0.058	0.077
Octachlorobiphenyl (Total)	ng/m3	<0.00025 U	0.0062	0.0069	0.0035	0.0038	0.0077	. 0.015	0:0077	0.014
Nonachlorobiphenyl (Total)	ng/m3	< 0.00025 U	0.0014	0.0018	< 0.0012 U	0.0013	0.0032	0.003	0.0033	0.0031
Total PCBs	ng/m3	0.084	3.0	4.7	8:0	1.3	13	19	13	19

Air samples collected starting June 25, 2013 are highlighted in Yellow  $U=\ The\ analyte$  was not detected at or above the listed reporting limit.

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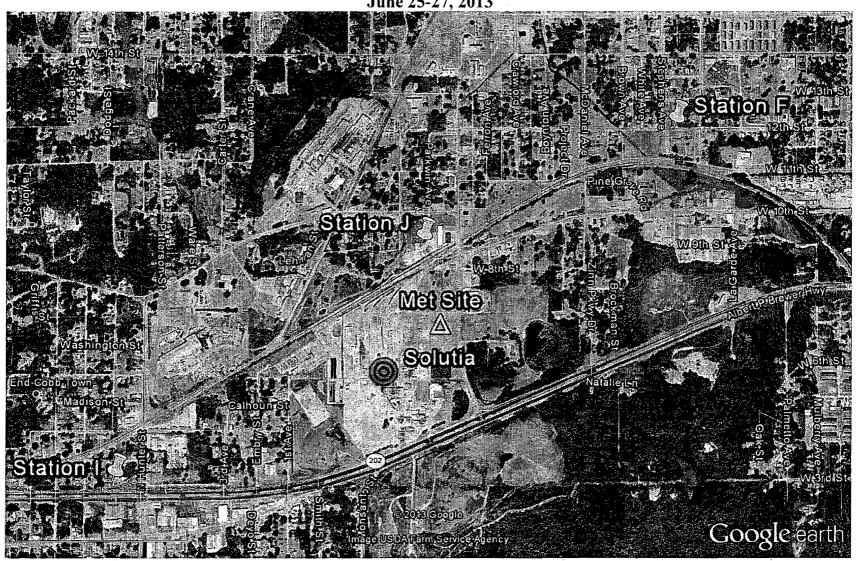
# APPENDIX A

SITE MAP.

Figure 1

Anniston PCB Air Study Sampling Stations

June 25-27, 2013



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# APPENDIX B

## SITE PHOTOGRAPHS

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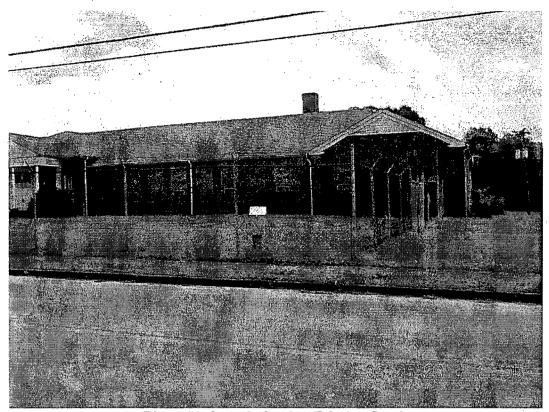
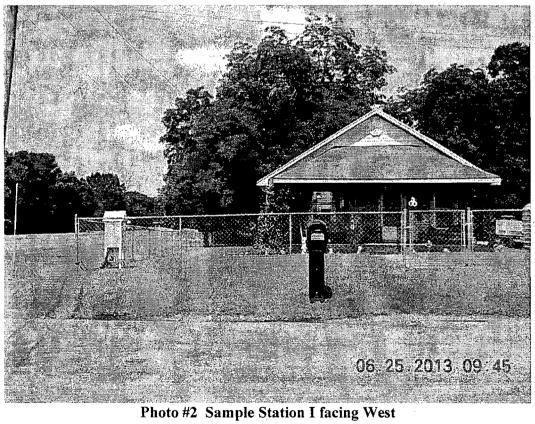
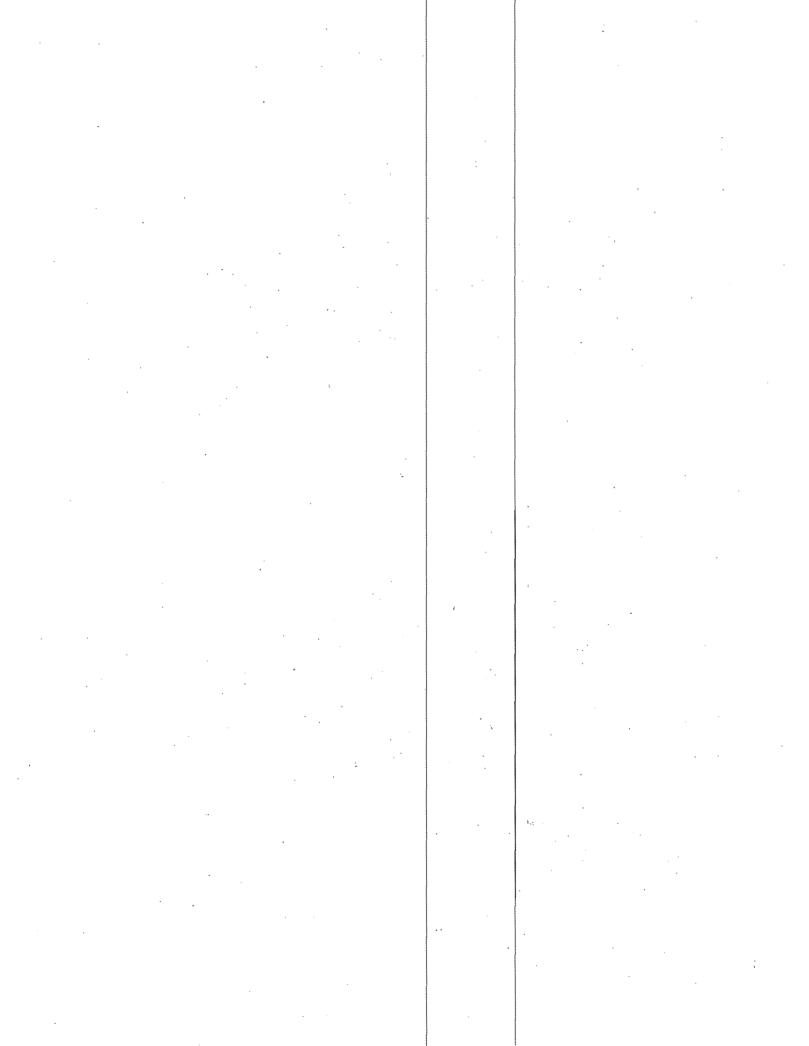


Photo #1 Sample Station F facing South





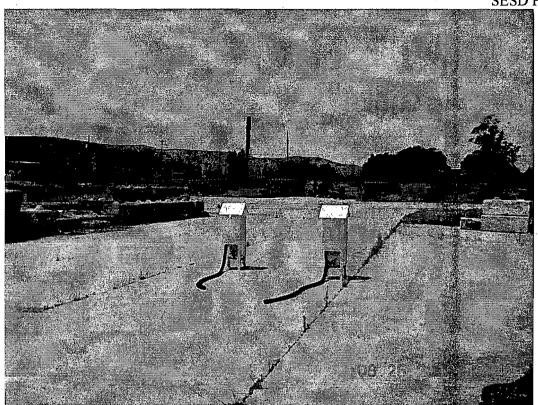


Photo #3 Duplicate Sample Station J facing West

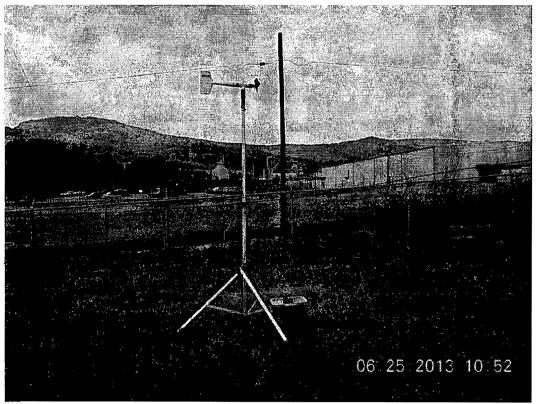
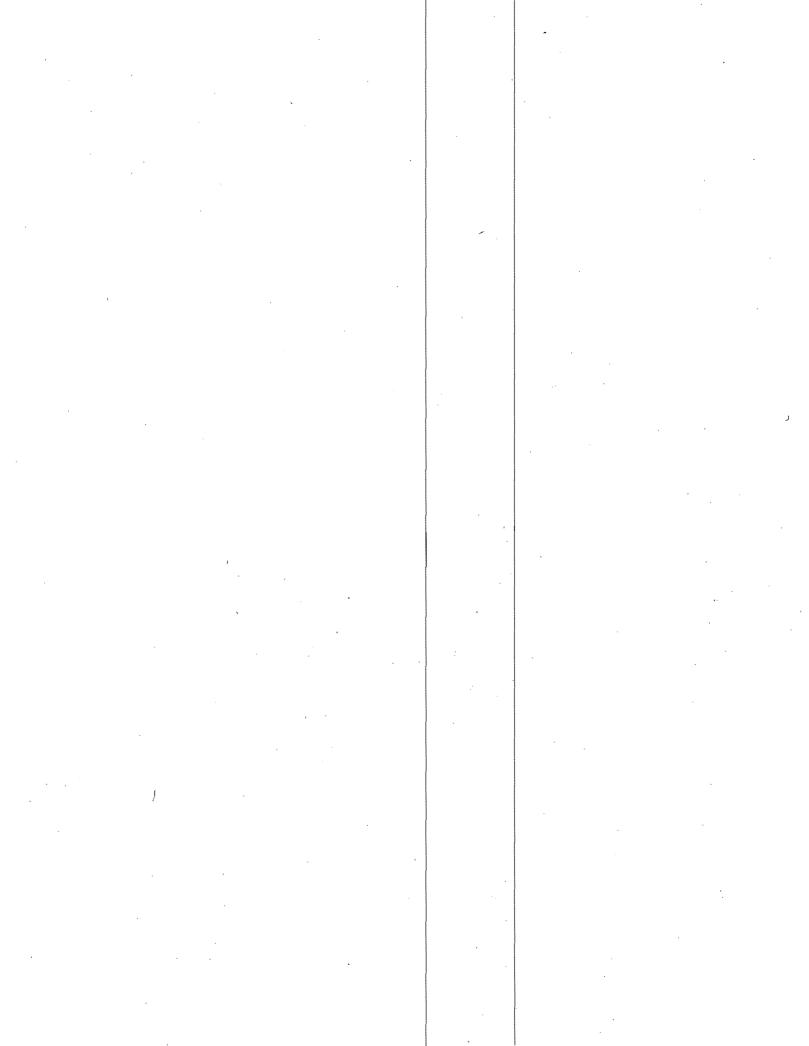


Photo #4 Meteorological Site facing South

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# APPENDIX C

# METEROLOGICAL DATA

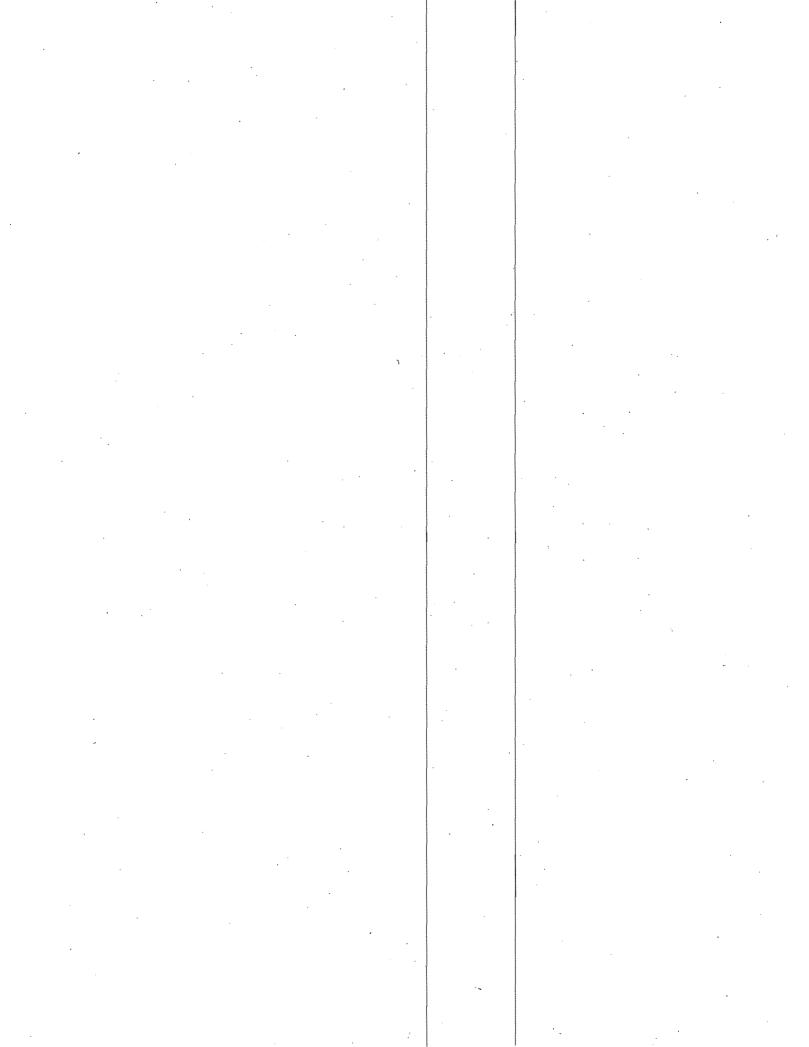


### Anniston PCB Air Study

# Meteorological Data for 1st Sample Period June 25 to June 26, 2013

Date	Hour	Wind Speed (mph)	Wind Direction (degrees)
6/25/2013	9	2.5	48
6/25/2013	10	3.1	273
6/25/2013	11	4.2	233
6/25/2013	· 12	4.5	236
6/25/2013	13	4.5	196
6/25/2013	14	5.5	217
6/25/2013	15	4.7	214
6/25/2013	16	5.6	215
6/25/2013	17	5.1	207
6/25/2013	18	5.7	201
6/25/2013	19	2.8	171
6/25/2013	20	1.1	96
6/25/2013	21	2.5	143
6/25/2013	22	1	- 22
6/25/2013	23	0.4	. 28
6/26/2013	0	0.4	86
6/26/2013	1	0.7	53
6/26/2013	2	1.7	355
6/26/2013	3	2.4	294
6/26/2013	4	1.9	158
6/26/2013	5	1.4	72
6/26/2013	- 6	0.9	62
6/26/2013	7	1.3	47
6/26/2013	8	3.9	234
6/26/2013	9	5.1	. 231
6/26/2013	10	4.5	226
6/26/2013	11	5.6	221

Meteorological Data from SESD Temporary Meteorological Station Hour = Central Daylight Time (local time)



## **Anniston PCB Air Study**

# Meteorological Data for 2nd Sample Period June 26 to June 27, 2013

Date	Hour	Wind Speed (mph)	Wind Direction (degrees)
6/26/2013	8	3.9	234
6/26/2013	9	5.1	231
6/26/2013	10	4.5	226
6/26/2013	11	5.6	221
6/26/2013	12	5.7	223
6/26/2013	13	6	222
6/26/2013	14	6.7	217
6/26/2013	15	6.4	. 216
6/26/2013	16	6.4	192
6/26/2013	17	5.7	193
6/26/2013	18	5.6	. 168
6/26/2013	19	. 5	169
6/26/2013	20	4	155
6/26/2013	21	4.8	163
6/26/2013	22	5.7	164
6/26/2013	23	7	185
6/27/2013	0	5.2	217
6/27/2013	1	3.5	238
6/27/2013	2	4.7	206
6/27/2013	3	5.4	220
6/27/2013	4	6.1	217
6/27/2013	5	5.5	219
6/27/2013	. 6	7.5	215
6/27/2013	7	8.1	225
6/27/2013	8	5.3	269
6/27/2013	9	4.4	245
6/27/2013	10	7.7	235
6/27/2013	. 11	5.2	235

Meteorological Data from SESD Temporary Meteorological Station Hour = Central Daylight Time (local time)

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### APPENDIX D

## LABORATORY ANALYTICAL REPORT

(68 pages)

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#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

August 7, 2013

4SESD-MTSB

#### **MEMORANDUM**

SUBJECT: FINAL Analytical Report

Project: 13-0363, Anniston PCB Air Study

Superfund Remedial

FROM:

Jeffrey Hendel

Quality Assurance Section Chemist

THRU:

Marilyn Maycock, Chief

Quality Assurance Section

TO:

Tim Slagle

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the associated contract Statement Of Work (SOW). In general, project data quality objectives have not been used to evaluate these data prior to release by the Quality Assurance Section. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report.

Analyses Included in this report:

Method Used:

**PCB Aroclors (PCBA)** 

PCB Congeners

Contract SOW (Air)



#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

Report Narrative for Work Order C133003, Project: 13-0363

Site Name: Anniston PCB Air Study

CLP Case No. n/a, ELEMENT Sample Nos. C133003-01 through C133003-09

Organic Analysis: Cape Fear Analytical, Wilmington, NC

The ESAT Work Team reviewed data for nine air samples analyzed for Polychlorinated biphenyls (PCBs) Congeners per EPA Method 1668A. The samples were collected on 06/25/13 and 06/26/13, and were received by the laboratory on 06/27/13 and 06/28/13. The final data package was received on 07/22/13 by the USEPA Quality Assurance Section, Region 4 SESD/MTSB. The analytical results were reported in one sample delivery group (SDG) by the laboratory.

The laboratory satisfied all technical analysis and extraction holding time requirements. The laboratory submitted a "CLP-like" data package that was sufficient to perform Stage 4 validation manual review (S4VEM). The data package presents acceptable technical performance with qualifications.

The laboratory reported all 207 chlorinated biphenyl (CB) congeners including those (PCB-77, 81, 105, 114, 118, 123, 126, 156, 157, 167, 169, and 189) with established World Health Organization (WHO) toxic equivalence factors (TEFs). Toxic equivalence quotients (TEQs) were calculated by applying the TEFs to the laboratory's reporting limits whenever a congener was not detected. The Total PCB's were calculated using a value of 0 if all results for that level of chlorination were not detected.

The laboratory used reporting limits that were in many instances higher than those calculated based on the lowest calibration level used. USEPA Method 1668A states that the detection limits and quantitation levels are usually dependent on the level of interferences and laboratory background levels rather than instrumental limitations. The laboratory did not report any positive detects that were below these reporting limits even when all qualitative identification criteria specified in USEPA Method 1668A were satisfied (signal to noise, retention time, ion ratios, and maximization of both monitored ions concurrently).

Data quality factors requiring qualification of results are discussed below:

The method blank contained several positive results for congeners. For sample C133003-02 congeners #11 and #121; and for samples C133003-03, 04, 05, 06, and 08 congener #11, the reporting limits were elevated to the amount found in the sample and qualified "U" (B-4). These results were also removed from the Total homolog and Total PCB calculated values.

Sample C133003-01 was identified as a field blank associated with this Case. Sample C133003-01 contained numerous congeners above the reporting limits. No qualification of data was performed as a result of positive detects in the field blank. The end user should determine the impact on the sample data as a result of positive detects in the field blank.

Page 2 of 68 C133003 PCBA FINAL 08 07 13 0845 8/7/13 8:45



#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

The result for congener #99 was qualified "J" (CLP33) in sample C133003-03 due to poor chromatography.

The reporting limits for samples C133003-04, 06, 07, 08, and 09 are elevated due to these samples requiring dilutions.

Data qualification factors are explained by the Region 4 - specific qualifier definitions which are included elsewhere in this report. Further details are provided in the complete data review report, which is on file in the Region 4 SESD Records Center.

ec: Nardina Turner

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# SAMPLES INCLUDED IN THIS REPORT

### Project: 13-0363, Anniston PCB Air Study

Sample ID	Laboratory ID	Matrix	Date Collected
FB062513	C133003-01	Field Blank Air	6/25/13 08:53
FAA062513	C133003-02	Air	6/25/13 09:10
FAA062613	C133003-03	Air .	6/26/13 09:22
IAA062513	C133003-04	Air	6/25/13 10:04
IAA062613	C133003-05	Air	6/26/13 10:12
JAA062513	C133003-06	Air	6/25/13 11:00
JAA062613	C133003-07	Air	6/26/13 11:11
JDAA062513	C133003-08	Air	6/25/13 11:00
JDAA062613	C133003-09	Air	6/26/13 11:11



Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

### DATA QUALIFIER DEFINITIONS

U The analyte was not detected at or above the reporting limit.

B-4 Level in blank impacts MRLs.

CLP33 Poor Chromatography - Split Peaks and/or Poor Peak Shape Present

J The identification of the analyte is acceptable; the reported value is an estimate.

#### ACRONYMS AND ABBREVIATIONS

CAS Chemical Abstracts Service

Note: Analytes with no known CAS identifiers have been assigned codes beginning with "E", the EPA ID as assigned by the EPA Substance Registry System (www.epa.gov/srs), or beginning with "R4-", a unique identifier assigned by the EPA Region 4 laboratory.

- MDL Method Detection Limit The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero.
- MRL Minimum Reporting Limit Analyte concentration that corresponds to the lowest demonstrated level of acceptable quantitation. The MRL is sample-specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments.
- TiC Tentatively Identified Compound An analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been analyzed to confirm the compound's identification or the estimated concentration reported.

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: <u>FB062513</u>

Station ID:

Lab ID: <u>C133003-01</u>

Matrix: Field Blank Air

Date Collected: 6/25/13 8:53

Date Coll	ected: 6/25/13 8:53				S. A. Warring Co.		Tomorphism and the second
CAS Number	Analyte	Results Qualifiers	Units	- MRL	Prepared	Analyzed	Method
25512-42-9	Dichlorobiphenyl (Total)	0.026	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
28655-71-2	Heptachlorobiphenyl (Total)	0.0012	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
26601-64-9	Hexachlorobiphenyl (Total)	0.012	ng/m3:	0.00025	7/03/13	7/17/13	Contract SOW
27323-18-8	Monochlorobiphenyl (Total)	0.00025 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
53742-07-7	Nonachlorobiphenyl (Total)	0.00025 U	ng/m3	0.00025	-7/03/13	7/17/13	Contract SOW
55722-26-4	Octachlorobiphenyl (Total)	0.00025 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
2051-60-7	PCB Congener # 1	0.00061 U	ng/m3	0.00061	7/03/13	7/17/13	Contract SOW
2051-61-8	PCB Congener # 2	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
2051-62-9	PCB Congener # 3	0.00024-Ü	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
13029-08-8	PCB Congener # 4	0.00049 U	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
16605-91-7	PCB Congener # 5	0.00049 U	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
25569-80-6	PCB Congener # 6	0.00029	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
33284-50-3	PCB Congener # 7	0.00049 U	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
34883-43-7	PCB Congener # 8	0.0024 U	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
34883439-1	PCB Congener # 9	0.00024 U	ng/m3	0:00025	7/03/13	7/17/13	Contract SOW
33146-45-1	PCB Congener # 10	0.00049 U	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
2050-67-1	PCB Congener # 11	0.026	ng/m3	0.0061	7/03/13	7/17/13	Contract SOW
R4-8000863	PCB Congener # 12 and/or 13	0.00098 U	ng/m3	0.00098	7/03/13	7/17/13	Contract SOW
34883-41-5	PCB Congener # 14%	0:00049 U	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
2050-68-2	PCB Congener # 15	0.0024 U	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW .
38444-78-9	PCB Congener # 16 r	0.0014	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW IF %
37680-66-3	PCB Congener # 17	0.0012	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
R4-8000864	PCB Congener # 18 and/or 30	0.0025	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
38444-73-4	PCB Congener # 19	0.00042	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
R4-8000865	PCB Congener # 20 and/or 28	0.0032	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
R4-8000866	PCB Congener # 21 and/or 33	0.0023	ng/m3	0.00098	7/03/13	7/17/13	Contract SOW
38444-85-8	PCB Congener # 22	0.0014	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
55720-44-0	PCB Congener # 23	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW

C133003 PCBA FINAL 08 07 13 0845

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: <u>FB062513</u>

Station ID:

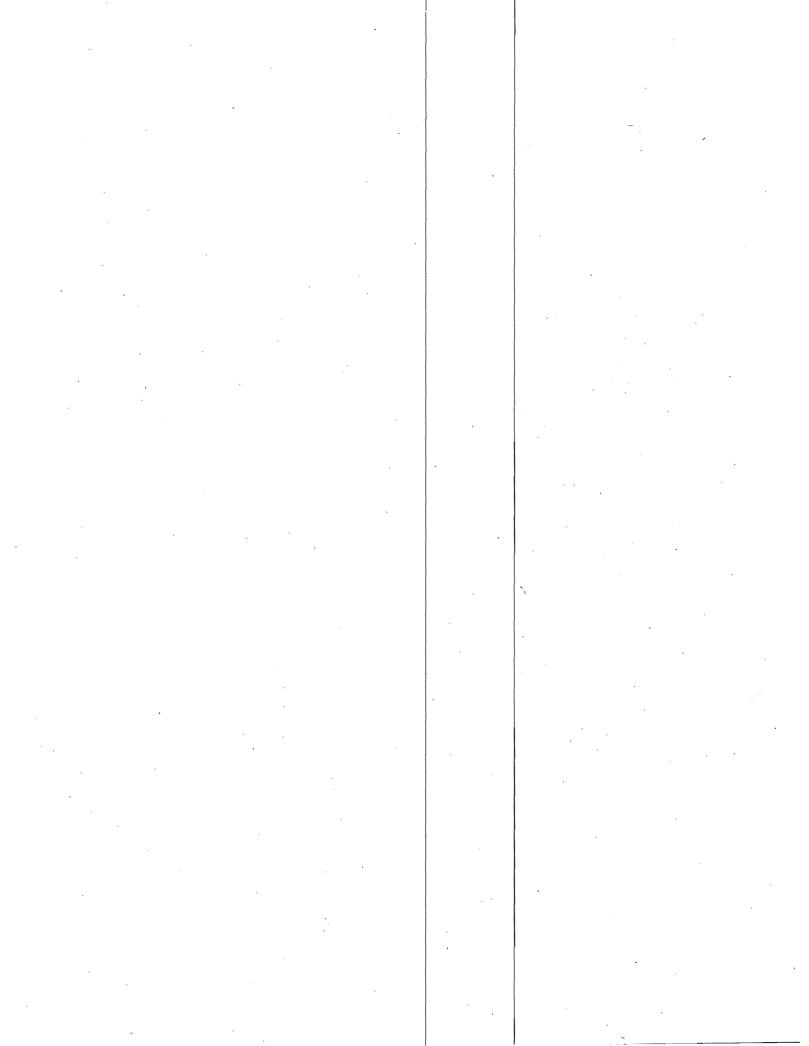
Lab ID: C133003-01

Matrix: Field Blank Air

Date Collected: 6/25/13 8:53

Analysis   Part   Pa	Date Coll	ected: 6/25/13 8:53						
55712-37-3 PCB Congener # 25 0.00026 ng/m3 0.00025 7/03/13 7/17/13 Connect SOW 94.4000867 PCB Congener # 26 and/or 22m 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Connect SOW 16606-02-3 PCB Congener # 27 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Connect SOW 1844-77-8 PCB Congener # 32 0.00069 ng/m3 0.00025 7/03/13 7/17/13 Connect SOW 1844-77-8 PCB Congener # 32 0.00069 ng/m3 0.00025 7/03/13 7/17/13 Connect SOW 17600-69-6 PCB Congener # 34 0.00049 U ng/m3 0.00025 7/03/13 7/17/13 Connect SOW 17600-69-6 PCB Congener # 35 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Connect SOW 1844-87-0 PCB Congener # 37 0.0024 U ng/m3 0.00025 7/03/13 7/17/13 Connect SOW 1844-80-05 PCB Congener # 38 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Connect SOW 1844-80-105 PCB Congener # 39 0.00049 U ng/m3 0.00025 7/03/13 7/17/13 Connect SOW 1844-80-105 PCB Congener # 39 0.00049 U ng/m3 0.00025 7/03/13 7/17/13 Connect SOW 1844-80-105 PCB Congener # 39 0.00049 U ng/m3 0.00025 7/03/13 7/17/13 Connect SOW 1844-80-105 PCB Congener # 40 and/or 71 0.00099 ng/m3 0.00049 7/03/13 7/17/13 Connect SOW 1855-22-5 PCB Congener # 41 0.00031 ng/m3 0.00049 7/03/13 7/17/13 Connect SOW 1855-22-5 PCB Congener # 43 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Connect SOW 1855-22-5 PCB Congener # 41 0.00031 ng/m3 0.00049 7/03/13 7/17/13 Connect SOW 1855-22-5 PCB Congener # 44 and/or 47/65 0.0024 ng/m3 0.00049 7/03/13 7/17/13 Connect SOW 1855-22-5 PCB Congener # 44 and/or 47/65 0.0024 ng/m3 0.00049 7/03/13 7/17/13 Connect SOW 1845-000859 PCB Congener # 45 and/or 51 0.00057 ng/m3 0.00049 7/03/13 7/17/13 Connect SOW 1845-000859 PCB Congener # 45 and/or 51 0.00057 ng/m3 0.00049 7/03/13 7/17/13 Connect SOW 1845-000859 PCB Congener # 45 and/or 53 0.00049 U ng/m3 0.00025 7/03/13 7/17/13 Connect SOW 1845-000872 PCB Congener # 45 0.00044 U ng/m3 0.00025 7/03/13 7/17/13 Connect SOW 1845-000872 PCB Congener # 54 0.00044 U ng/m3 0.00025 7/03/13 7/17/13 Connect SOW 1846-43-1 PCB Congener # 54 0.00044 U ng/m3 0.00025 7/03/13 7/17/13 Connect SOW 1846-43-1 PCB Congener # 54 0.00044 U ng/m3 0.00		Analyte To	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method 200
R4-8009867 PCB Congener # 26 and/or 29 0.00057 nz/m3 0.00048 763/13 717/13 Contract SOW 16606-02-3 PCB Congener # 27 0.00024 U ng/m3 0.00025 763/13 717/13 Contract SOW 16606-02-3 PCB Congener # 31 0.00031 nz/m3 0.00025 763/13 717/13 Contract SOW 33444-77-8 PCB Congener # 32 0.00069 ng/m3 0.00025 763/13 717/13 Contract SOW 37680-68-5 PCB Congener # 35 0.00049 U ng/m3 0.00025 763/13 717/13 Contract SOW 37680-69-6 PCB Congener # 35 0.00049 U ng/m3 0.00049 763/13 717/13 Contract SOW 33444-90-5 PCB Congener # 37 0.00049 U ng/m3 0.00049 763/13 717/13 Contract SOW 33444-90-5 PCB Congener # 38 0.00049 U ng/m3 0.00025 763/13 717/13 Contract SOW 33444-88-1 PCB Congener # 38 0.00024 U ng/m3 0.00025 763/13 717/13 Contract SOW 3444-88-1 PCB Congener # 40 nd/or 7/1 0.00091 ng/m3 0.00049 763/13 717/13 Contract SOW 36459-9 PCB Congener # 41 0.00031 ng/m3 0.00049 763/13 717/13 Contract SOW 36559-22-5 PCB Congener # 42 0.00059 ng/m3 0.00049 763/13 717/13 Contract SOW 36559-22-5 PCB Congener # 43 0.00049 U ng/m3 0.00049 763/13 717/13 Contract SOW 36559-22-5 PCB Congener # 43 0.00049 U ng/m3 0.00049 763/13 717/13 Contract SOW 36559-22-5 PCB Congener # 43 0.00049 U ng/m3 0.00049 763/13 717/13 Contract SOW 36559-22-5 PCB Congener # 44 0.00031 ng/m3 0.00049 763/13 717/13 Contract SOW 36559-22-5 PCB Congener # 44 0.00031 ng/m3 0.00049 763/13 717/13 Contract SOW 36559-22-5 PCB Congener # 44 and/or 47.65 0.00059 ng/m3 0.00049 763/13 717/13 Contract SOW 36559-22-5 PCB Congener # 44 and/or 47.65 0.00059 ng/m3 0.00049 763/13 717/13 Contract SOW 36559-29 PCB Congener # 45 and/or 51 0.00057 ng/m3 0.00049 763/13 717/13 Contract SOW 36569-9 PCB Congener # 45 and/or 53 0.00049 ng/m3 0.00049 763/13 717/13 Contract SOW 36569-9 PCB Congener # 50 and/or 53 0.00049 ng/m3 0.00049 763/13 717/13 Contract SOW 3738-74-2 PCB Congener # 50 and/or 53 0.00049 ng/m3 0.00049 763/13 717/13 Contract SOW 3738-74-2 PCB Congener # 50 and/or 53 0.00049 ng/m3 0.00049 763/13 717/13 Contract SOW 3738-74-2 PCB Congener # 50 and/or 53 0.00049 ng/m3 0.00049 763/13 717/13	55702-45-9	PCB Congener #24	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
38444-76-7 PCB Congener # 27 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 16606-92-3 PCB Congener # 31 0.00031 ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 33444-77-8 PCB Congener # 32 0.00069 ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 37680-68-5 PCB Congener # 34 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 37680-69-6 PCB Congener # 35 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 38444-87-0 PCB Congener # 36 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 38444-87-0 PCB Congener # 37 0.0024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 38444-89-1 PCB Congener # 38 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 38444-88-1 PCB Congener # 38 0.00024 U ng/m3 0.000049 7/03/13 7/17/13 Contract SOW 38444-88-1 PCB Congener # 39 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 3844-88-1 PCB Congener # 40 and/or 7/1 0.00091 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 36559-29 PCB Congener # 41 0.00031 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 36559-29 PCB Congener # 42 0.00059 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 36559-22-5 PCB Congener # 43 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 36559-22-5 PCB Congener # 44 and/or 47/65 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 36559-22-5 PCB Congener # 44 and/or 47/65 0.00024 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 36559-22-5 PCB Congener # 44 and/or 47/65 0.00024 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 36559-29-9 PCB Congener # 48 0.00069 PCB Congener # 49 nd/or 59 0.00024 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 36593-99-9 PCB Congener # 49 nd/or 59 0.00024 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 36593-99-9 PCB Congener # 50 nd/or 53 0.00049 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 36593-99-9 PCB Congener # 50 nd/or 53 0.00049 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 36593-99-9 PCB Congener # 50 nd/or 53 0.00049 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 36593-99-9 PCB Congener # 50 nd/or 53 0.00049 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 36593-99-9 PCB Congener # 50 nd/or 53 0.00049 ng/m3 0.00049 7	55712-37-3	PCB Congener # 25	0.00026	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
16606-02-3   PCB Congener # 31   0.0031   0.0012   7/03/13   7/17/13   Centract SOW     38444-77-8   PCB Congener # 32   0.00069   ng/m3   0.00025   7/03/13   7/17/13   Centract SOW     37680-68-5   PCB Congener # 34   0.00024   ng/m3   0.00025   7/03/13   7/17/13   Centract SOW     37680-69-6   PCB Congener # 35   0.00049   ng/m3   0.00049   7/03/13   7/17/13   Centract SOW     38444-87-0   PCB Congener # 36   0.00049   ng/m3   0.00049   7/03/13   7/17/13   Centract SOW     38444-87-0   PCB Congener # 37   0.0024   ng/m3   0.00025   7/03/13   7/17/13   Centract SOW     38444-89-5   PCB Congener # 38   0.00024   ng/m3   0.00025   7/03/13   7/17/13   Centract SOW     38444-88-1   PCB Congener # 38   0.00024   ng/m3   0.00049   7/03/13   7/17/13   Centract SOW     38444-88-1   PCB Congener # 40 and/or 71   0.00091   ng/m3   0.00049   7/03/13   7/17/13   Centract SOW     36559-92-5   PCB Congener # 41   0.00031   ng/m3   0.00049   7/03/13   7/17/13   Centract SOW     36559-92-5   PCB Congener # 42   0.00059   ng/m3   0.00025   7/03/13   7/17/13   Centract SOW     70362-46-8   PCB Congener # 43   0.00049   ng/m3   0.00049   7/03/13   7/17/13   Centract SOW     70362-46-8   PCB Congener # 44   0.00031   ng/m3   0.00049   7/03/13   7/17/13   Centract SOW     70362-47-9   PCB Congener # 43   0.00059   ng/m3   0.00049   7/03/13   7/17/13   Centract SOW     70362-47-9   PCB Congener # 44   0.00031   ng/m3   0.00049   7/03/13   7/17/13   Centract SOW     70362-47-9   PCB Congener # 48   0.00046   ng/m3   0.00049   7/03/13   7/17/13   Centract SOW     70362-47-9   PCB Congener # 49   and/or 51   0.00057   ng/m3   0.00049   7/03/13   7/17/13   Centract SOW     70362-47-9   PCB Congener # 49   and/or 53   0.00049   ng/m3   0.00049   7/03/13   7/17/13   Centract SOW     70362-47-9   PCB Congener # 50   0.00049   0.00049   0.00049   7/03/13   7/17/13   Centract SOW     70362-77-9   PCB Congener # 50   0.00049   0.00049   0.00049   7/03/13   7/17/13   Centract SOW     15968-05-5   PCB Congener # 50   0.00049   0.00049   7/03	R4-8000867	PCB Congener # 26 and/or 29	0.00057	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
38444-77-8 PCB Congener # 32	38444-76-7	PCB Congener # 27	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
37680-68-5 PCB Congener # 34 0.00024 U ng/m3 0.00025 7/63/13 7/17/13 Contract SOW 37680-69-6 PCB Congener # 35 0.00049 U ng/m3 0.00049 7/63/13 7/17/13 Contract SOW 38444-87-0 PCB Congener # 36 0.00049 U ng/m3 0.00025 7/63/13 7/17/13 Contract SOW 38444-90-5 PCB Congener # 37 0.0024 U ng/m3 0.00025 7/63/13 7/17/13 Contract SOW 38444-80-1 PCB Congener # 38 0.00024 U ng/m3 0.00025 7/63/13 7/17/13 Contract SOW 38444-88-1 PCB Congener # 39 0.00049 U ng/m3 0.00049 7/63/13 7/17/13 Contract SOW 52663-59-9 PCB Congener # 40 and/or 71 0.00091 ng/m3 0.00025 7/63/13 7/17/13 Contract SOW 52663-59-9 PCB Congener # 41 0.00031 ng/m3 0.00025 7/63/13 7/17/13 Contract SOW 7/0362-46-8 PCB Congener # 42 0.00059 ng/m3 0.00025 7/63/13 7/17/13 Contract SOW 7/0362-46-8 PCB Congener # 43 0.00049 U ng/m3 0.00049 7/63/13 7/17/13 Contract SOW 7/0362-46-8 PCB Congener # 44 and/or 47/65 0.0024 ng/m3 0.00049 7/63/13 7/17/13 Contract SOW 7/0362-47-9 PCB Congener # 48 and/or 51 0.00057 ng/m3 0.00049 7/63/13 7/17/13 Contract SOW 7/0362-47-9 PCB Congener # 48 0.00046 ng/m3 0.00025 7/63/13 7/17/13 Contract SOW 7/0362-47-9 PCB Congener # 48 0.00046 ng/m3 0.00025 7/63/13 7/17/13 Contract SOW 7/0362-47-9 PCB Congener # 50 and/or 53 0.00049 U ng/m3 0.00025 7/63/13 7/17/13 Contract SOW 7/0362-47-9 PCB Congener # 50 and/or 53 0.00049 U ng/m3 0.00025 7/63/13 7/17/13 Contract SOW 7/0362-47-9 PCB Congener # 50 and/or 53 0.00049 U ng/m3 0.00025 7/63/13 7/17/13 Contract SOW 7/0368-05-5 PCB Congener # 50 and/or 53 0.00049 U ng/m3 0.00025 7/63/13 7/17/13 Contract SOW 7/0368-05-5 PCB Congener # 50 and/or 53 0.00049 U ng/m3 0.00025 7/63/13 7/17/13 Contract SOW 7/0368-05-5 PCB Congener # 50 and/or 53 0.00049 U ng/m3 0.00025 7/63/13 7/17/13 Contract SOW 7/0368-05-5 PCB Congener # 56 0.00024 U ng/m3 0.00025 7/63/13 7/17/13 Contract SOW 7/0368-05-5 PCB Congener # 56 0.00024 U ng/m3 0.00025 7/63/13 7/17/13 Contract SOW 7/0368-05-5 PCB Congener # 56 0.00024 U ng/m3 0.00025 7/63/13 7/17/13 Contract SOW 7/0368-05-5 PCB Congener # 57 0.00024 U ng/m3 0.00025 7/63/13 7/17/1	16606-02-3	PCB Congener # 31	0.0031	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
37680-69-6 PCB Congener # 35 0,00049 U ng/m3 0,00049 7/03/13 7/17/13 Contract SOW 38444-87-0 PCB Congener # 36 0,00049 U ng/m3 0,00049 7/03/13 7/17/13 Contract SOW 38444-90-5 PCB Congener # 37 0,0024 U ng/m3 0,00025 7/03/13 7/17/13 Contract SOW 38444-90-5 PCB Congener # 38 0,00024 U ng/m3 0,00025 7/03/13 7/17/13 Contract SOW 38444-88-1 PCB Congener # 39 0,00049 U ng/m3 0,00049 7/03/13 7/17/13 Contract SOW 52663-59-9 PCB Congener # 41 0,00031 ng/m3 0,00025 7/03/13 7/17/13 Contract SOW 36559-22-5 PCB Congener # 42 0,00059 ng/m3 0,00025 7/03/13 7/17/13 Contract SOW 70362-46-8 PCB Congener # 43 0,00049 U ng/m3 0,00025 7/03/13 7/17/13 Contract SOW 70362-46-8 PCB Congener # 44 and/or 47/65 0,00049 U ng/m3 0,00049 7/03/13 7/17/13 Contract SOW 70362-46-8 PCB Congener # 44 and/or 47/65 0,00024 ng/m3 0,00049 7/03/13 7/17/13 Contract SOW 70362-47-5 PCB Congener # 48 0,00049 U ng/m3 0,00049 7/03/13 7/17/13 Contract SOW 70362-47-9 PCB Congener # 48 0,00046 ng/m3 0,00025 7/03/13 7/17/13 Contract SOW 70362-47-9 PCB Congener # 48 0,00046 ng/m3 0,00025 7/03/13 7/17/13 Contract SOW 70362-47-9 PCB Congener # 48 0,00046 ng/m3 0,00025 7/03/13 7/17/13 Contract SOW 70362-47-9 PCB Congener # 48 0,00046 ng/m3 0,00025 7/03/13 7/17/13 Contract SOW 70362-47-9 PCB Congener # 48 0,00046 ng/m3 0,00025 7/03/13 7/17/13 Contract SOW 70362-47-9 PCB Congener # 50 and/or 53 0,00049 ng/m3 0,00049 7/03/13 7/17/13 Contract SOW 70362-47-9 PCB Congener # 50 and/or 53 0,00049 ng/m3 0,00049 7/03/13 7/17/13 Contract SOW 70362-47-9 PCB Congener # 50 and/or 53 0,00049 ng/m3 0,00025 7/03/13 7/17/13 Contract SOW 70368-5-9 PCB Congener # 50 and/or 53 0,00049 ng/m3 0,00049 7/03/13 7/17/13 Contract SOW 70368-5-9-3 PCB Congener # 54 0,00024 U ng/m3 0,00025 7/03/13 7/17/13 Contract SOW 70368-5-9-3 PCB Congener # 56 0,00024 U ng/m3 0,00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0,00024 U ng/m3 0,00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0,00024 U ng/m3 0,00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0,00024	38444-77-8	PCB Congener # 32	0.00069	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
38444-87-0 PCB Congener # 36	37680-68-5	PCB Congener # 34	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
38444-90-5 PCB Congener # 37 0.0024 U ng/m3 0.0025 7/03/13 7/17/13 Contract SOW 53555-66-1 PCB Congener # 38 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 38444-88-1 PCB Congener # 39 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 84-8001051 PCB Congener # 40 and/or 7/1 0.00091 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 52663-59-9 PCB Congener # 41 0.00031 ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 36559-22-5 PCB Congener # 42 0.00059 ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70362-46-8 PCB Congener # 43 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 84-8000869 PCB Congener # 44 and/or 47/65 0.0024 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 84-8000870 PCB Congener # 45 and/or 51 0.00057 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 14464-47-5 PCB Congener # 48 0.00046 ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70362-47-9 PCB Congener # 48 0.00046 ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 84-8000871 PCB Congener # 49 and/or 69 0.00011 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 84-8000872 PCB Congener # 49 and/or 69 0.00011 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 84-8000872 PCB Congener # 50 and/or 53 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 74-8000872 PCB Congener # 50 and/or 53 0.00049 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 74-8000872 PCB Congener # 50 and/or 53 0.00049 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 74-8000872 PCB Congener # 50 and/or 53 0.00049 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 74-8000872 PCB Congener # 50 and/or 53 0.00049 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 74-800-5-5 PCB Congener # 54 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 74-800-5-5 PCB Congener # 56 0.00092 ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 74-800-5-5 PCB Congener # 57 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 74-800-5-5 PCB Congener # 57 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 74-800-5-5 PCB Congener # 57 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 74-800-5-5 PCB Congener # 57 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract S	37680-69-6	PCB Congener # 35	0.00049 U	ng/m3	0.00049	7/03/13	7/17/13 .	Contract SOW
\$3555-66-1 PCB Congener # 38	38444-87-0	PCB Congener # 36	0.00049 U	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
38444-88-1         PCB Congener # 39         0.00049 U         ng/m3         0.00049 7/03/13         7/17/13 Contract SOW           R4-8001051         PCB Congener # 40 and/or 71         0.00091         ng/m3         0.00049 7/03/13         7/17/13 Contract SOW           52663-59-9         PCB Congener # 41         0.00031         ng/m3         0.00025 7/03/13         7/17/13 Contract SOW           36559-22-5         PCB Congener # 42         0.00059         ng/m3         0.00049 7/03/13         7/17/13 Contract SOW           70362-46-8         PCB Congener # 43         0.00049 U         ng/m3         0.00049 7/03/13         7/17/13 Contract SOW           R4-8000869         PCB Congener # 44 and/or 47/65         0.00024         ng/m3         0.00049 7/03/13         7/17/13 Contract SOW           R4-8000870         PCB Congener # 45 and/or 51         0.00057         ng/m3         0.00049 7/03/13         7/17/13 Contract SOW           70362-47-9         PCB Congener # 46         0.00024 U         ng/m3         0.00025 7/03/13         7/17/13 Contract SOW           70362-47-9         PCB Congener # 48         0.00046         ng/m3         0.00025 7/03/13         7/17/13 Contract SOW           70424-67-8         PCB Congener # 49 and/or 69 9         0.0011         ng/m3         0.00049 7/03/13         7/17/13 Contract SOW	38444-90-5	PCB Congener # 37	0.0024 U	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
R4-8001051 PCB Congener # 40 and/or 71 0.00091 ng/m3 0.00049 7/03/13 71/713 Contract SOW 52663-59-9 PCB Congener # 41 0.00031 ng/m3 0.00025 7/03/13 71/713 Contract SOW 36559-22-5 PCB Congener # 42 0.00059 ng/m3 0.00025 7/03/13 71/713 Contract SOW 70362-46-8 PCB Congener # 43 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW R4-800869 PCB Congener # 44 and/or 47/65 0.0024 ng/m3 0.00074 7/03/13 7/17/13 Contract SOW R4-800870 PCB Congener # 45 and/or 51 0.00057 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 41464-47-5 PCB Congener # 48 0.00046 ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70362-47-9 PCB Congener # 48 0.00046 ng/m3 0.00025 7/03/13 7/17/13 Contract SOW R4-800871 PCB Congener # 49 and/or 69 0.0011 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 703693-93 PCB Congener # 50 and/or 53 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 74388-24-2 PCB Congener # 55 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 74388-24-2 PCB Congener # 56 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 74388-24-2 PCB Congener # 56 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 74388-24-2 PCB Congener # 57 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 74388-24-2 PCB Congener # 57 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 74388-24-2 PCB Congener # 57 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 57 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00024 U ng/m3 0.000	53555-66-1	PCB Congener # 38	0.00024 ∪	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
52663-59-9         PCB Congener # 41         0.00031         ng/m3         0.00025         7/03/13         7/17/13         Contract SOW           36559-22-5         PCB Congener # 42         0.00059         ng/m3         0.00025         7/03/13         7/17/13         Contract SOW           70362-46-8         PCB Congener # 43         0.00049         U         ng/m3         0.00049         7/03/13         7/17/13         Contract SOW           R4-8000869         PCB Congener # 44 and/or 47/65         0.0024         ng/m3         0.00049         7/03/13         7/17/13         Contract SOW           R4-8000870         PCB Congener # 45 and/or 51         0.00057         ng/m3         0.00049         7/03/13         7/17/13         Contract SOW           41464-47-5         PCB Congener # 48         0.00024 U         ng/m3         0.00025         7/03/13         7/17/13         Contract SOW           R4-8000871         PCB Congener # 49 and/or 69*         0.0011         ug/m3         0.00049         7/03/13         7/17/13         Contract SOW           R4-8000872         PCB Congener # 50 and/or 53         0.00049 U         ng/m3         0.00049         7/03/13         7/17/13         Contract SOW           35693-99-3         PCB Congener # 54         0.00024 U	38444-88-1	PCB Congener # 39	0.00049 U	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
36559-22-5 PCB Congener # 42 0.00059 ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70362-46-8 PCB Congener # 43 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW R4-800869 PCB Congener # 44 and/or 47.65 0.0024 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW R4-800870 PCB Congener # 45 and/or 51 0.00057 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 14464-47-5 PCB Congener # 46 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70362-47-9 PCB Congener # 48 0.00046 ng/m3 0.00025 7/03/13 7/17/13 Contract SOW R4-800871 PCB Congener # 49 and/or 69 0.0011 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW R4-800872 PCB Congener # 50 and/or 53 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 35693-99-3 PCB/Congener # 54 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 15968-05-5 PCB Congener # 54 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 74338-24-2 PCB Congener # 55 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 7424-67-8 PCB Congener # 56 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 57 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00024 U ng/m3 0.00025	R4-8001051	PCB Congener # 40 and/or 71	0.00091	ng/m3	0.00049)	7/03/13	7/17/13	Contract SOW
70362-46-8         PCB Congener # 43         0.00049 U         ng/m3         0.00049         7/03/13         7/17/13         Contract SOW           R4-8000869         PCB Congener # 44 and/or 47.65         0.0024         ng/m3         0.00074         7/03/13         7/17/13         Contract SOW           R4-8000870         PCB Congener # 45 and/or 51         0.00057         ng/m3         0.00049         7/03/13         7/17/13         Contract SOW           41464-47-5         PCB Congener # 46         0.00024 U         ng/m3         0.00025         7/03/13         7/17/13         Contract SOW           70362-47-9         PCB Congener # 49 and/or 69         0.0011         ng/m3         0.00049         7/03/13         7/17/13         Contract SOW           R4-800871         PCB Congener # 50 and/or 53         0.00049 U         ng/m3         0.00049         7/03/13         7/17/13         Contract SOW           R4-800872         PCB Congener # 52         0.0041         ng/m3         0.00025         7/03/13         7/17/13         Contract SOW           15968-05-5         PCB Congener # 54         0.00024 U         ng/m3         0.00025         7/03/13         7/17/13         Contract SOW           74338-24-2         PCB Congener # 55         0.00024 U         ng/m3 </td <td>52663-59-9</td> <td>PCB Congener # 41</td> <td>0.00031</td> <td>ng/m3</td> <td>0.00025</td> <td>7/03/13</td> <td>7/17/13</td> <td>Contract SOW</td>	52663-59-9	PCB Congener # 41	0.00031	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
R4-8000869 PCB Congener # 44 and/or 47;65 0.0024 ng/m3 0.00074; 7/03/13 7/17/13 Contract SOW  R4-8000870 PCB Congener # 45 and/or 51 0.00057 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW  41464-47-5 PCB Congener # 46 0.00024 U ng/m3 0.00025; 7/03/13 7/17/13 Contract SOW  70362-47-9 PCB Congener # 48 0.00046 ng/m3 0.00025 7/03/13 7/17/13 Contract SOW  R4-8000871 PCB Congener # 49 and/or 69 0.0011 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW  R4-8000872 PCB Congener # 50 and/or 53 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW  35693-99-3 PCB Congener # 52 0.0041 ng/m3 0.00025 7/03/13 7/17/13 Contract SOW  15968-05-5 PCB Congener # 54 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW  74338-24-2 PCB Congener # 56 0.00024 U ng/m3 0.00025; 7/03/13 7/17/13 Contract SOW  41464-43-1 PCB Congener # 56 0.00092 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW  70424-67-8 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW  41464-49-7 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW	36559-22-5	PCB Congener # 42	0.00059	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
R4-800870 PCB Congener # 45 and/or 51 0.00057 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 41464-47-5 PCB Congener # 46 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 70362-47-9 PCB Congener # 48 0.00046 ng/m3 0.00025 7/03/13 7/17/13 Contract SOW R4-8000871 PCB Congener # 49/and/or 69* 0.0011 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW R4-8000872 PCB Congener # 50 and/or 53 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 35693-99-3 PCB Congener # 52 0.0041 ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 15968-05-5 PCB Congener # 54 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 74338-24-2 PCB Congener # 55 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 41464-43-1 PCB Congener # 56 0.00092 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 57 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 41464-49-7 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW	70362-46-8	PCB Congener # 43	0.00049 U	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
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R4-8000871 PCB/Congener # 49/and/or 69 0.001:1 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW  R4-8000872 PCB Congener # 50 and/or 53 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW  35693-99-3 PCB/Congener # 52 0.0041 ng/m3 0.00025 7/03/13 7/17/13 Contract SOW  15968-05-5 PCB Congener # 54 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW  74338-24-2 PCB/Congener # 55 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW  41464-43-1 PCB Congener # 56 0.00092 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW  70424-67-8 PCB/Congener # 57 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW  41464-49-7 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW	41464-47-5	PCB Congener # 46	0.00024 ∪	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
R4-8000872 PCB Congener # 50 and/or 53 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 35693-99-3 PCB Congener #/52	70362-47-9 [*]	PCB Congener # 48	0.00046	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
35693-99-3 PCB Congener # 52 0:0041 ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 15968-05-5 PCB Congener # 54 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 74338-24-2 PCB Congener # 55 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 41464-43-1 PCB Congener # 56 0.00092 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 57 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 41464-49-7 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW	R4-8000871	PCB Congener,#49 and/or 69*	0.0011	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
15968-05-5         PCB Congener # 54         0.00024 U         ng/m3         0.00025         7/03/13         7/17/13         Contract SOW           74338-24-2         PCB Congener # 55         0.00024 U         ng/m3         0.00025         7/03/13         7/17/13         Contract SOW           41464-43-1         PCB Congener # 56         0.00092         ng/m3         0.00049         7/03/13         7/17/13         Contract SOW           70424-67-8         PCB Congener # 57         0.00024 U         ng/m3         0.00025         7/03/13         7/17/13         Contract SOW           41464-49-7         PCB Congener # 58         0.00024 U         ng/m3         0.00025         7/03/13         7/17/13         Contract SOW	R4-8000872	PCB Congener # 50 and/or 53	0.00049 U	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
74338-24-2         PCB Congener # 55         0.00024 U         ng/m3         0.00025 7/03/13         7/17/13 Contract SOW           41464-43-1         PCB Congener # 56         0.00092         ng/m3         0.00049         7/03/13         7/17/13 Contract SOW           70424-67-8         PCB Congener # 57         0.00024 U         ng/m3         0.00025 7/03/13         7/17/13 Contract SOW           41464-49-7         PCB Congener # 58         0.00024 U         ng/m3         0.00025 7/03/13         7/17/13 Contract SOW	35693-99-3	PCB Congener # 52	1.0041 = 1.0041	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
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70424-67-8 PCB Congener # 57 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 41464-49-7 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW	74338-24-2	PCB Congener # 55	0.00024 ∪	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
41464-49-7 PCB Congener # 58 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW	41464-43-1	PCB Congener # 56	0.00092	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
	70424-67-8	PCB Congener # 57	¹⁵ 0:00024 ∪	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
R4-8000873 PCB Congener # 59 and/or 62,75 * 0.00074 U ng/m3 0.00074 7/03/13 7/17/13 Contract SOW	41464-49-7	PCB Congener # 58	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
	R4-8000873	PCB Congener # 59 and/or 62,75	0.00074 U	ng/m3	0.00074	7/03/13	7/17/13	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: <u>FB062513</u>

Station ID:

Lab ID: C133003-01

Matrix: Field Blank Air

Date Collected: 6/25/13 8:53

R4-800874 PCB Congener # 61 and/or 70,74,76 0.0030 ng/m3 0.00098 763/13 717/13 Contract SOW 768/72;44-7 PCB Congener # 63 0.0006 U ng/m3 0.00061 763/13 717/13 Contract SOW 925263-58-8 PCB Congener # 64 0.00089 ng/m3 0.00025 763/13 717/13 Contract SOW 92538-10-0 PCB Congener # 67 0.00024 U ng/m3 0.00061 1763/13 717/13 Contract SOW 925375-53-8 PCB Congener # 67 0.00024 U ng/m3 0.00025 763/13 717/13 Contract SOW 925375-53-8 PCB Congener # 68 0.00014 ng/m3 0.00025 763/13 717/13 Contract SOW 925375-53-8 PCB Congener # 68 0.00024 U ng/m3 0.00025 763/13 717/13 Contract SOW 925375-53-8 PCB Congener # 72 0.00024 U ng/m3 0.00025 763/13 717/13 Contract SOW 925375-53-13 PCB Congener # 72 0.00024 U ng/m3 0.00025 763/13 717/13 Contract SOW 925375-53-13 PCB Congener # 77 0.00024 U ng/m3 0.00025 763/13 717/13 Contract SOW 925375-53-2 PCB Congener # 79 0.00024 U ng/m3 0.00025 763/13 717/13 Contract SOW 925375-53-2 PCB Congener # 79 0.00049 U ng/m3 0.00025 763/13 717/13 Contract SOW 925375-53-2 PCB Congener # 81 0.00024 U ng/m3 0.00049 763/13 717/13 Contract SOW 925375-55-2 PCB Congener # 81 0.00024 U ng/m3 0.00025 763/13 717/13 Contract SOW 925375-55-2 PCB Congener # 83 0.00024 U ng/m3 0.00025 763/13 717/13 Contract SOW 925375-55-2 PCB Congener # 83 0.00024 U ng/m3 0.00025 763/13 717/13 Contract SOW 925375-55-0 PCB Congener # 85 and/or 11,117 0.00074 U ng/m3 0.00025 763/13 717/13 Contract SOW 925375-55-0 PCB Congener # 85 and/or 11,117 0.00074 U ng/m3 0.00025 763/13 717/13 Contract SOW 925375-55-0 PCB Congener # 85 and/or 11,117 0.00074 U ng/m3 0.00025 763/13 717/13 Contract SOW 925375-55-0 PCB Congener # 85 and/or 10,1113 0.0006  ng/m3 0.000074 763/13 717/13 Contract SOW 925375-55-0 PCB Congener # 85 and/or 10,1113 0.0006  ng/m3 0.000074 763/13 717/13 Contract SOW 925375-55-0 PCB Congener # 85 and/or 10,1113 0.0006  ng/m3 0.000074 763/13 717/13 Contract SOW 925375-55-0 PCB Congener # 95 and/or 10,1113 0.0006  ng/m3 0.000074 763/13 717/13 Contract SOW 925375-55-0 PCB Congener # 95 and/or 10,00049 U ng/m3 0.000075 763/13 717/13	Date Cone	eteq: 0/25/15 8:55		Street Control of the Street	Committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the committee of the commit	
R4-800874 PCB Congener # 61 and/or 70,74,76 0.0030 ng/m3 0.00098 7/8373 717/13 Contract SOW 7/83/22-14-75 PCB Congener # 63 0.00061 U ng/m3 0.00061 7/83/13 717/13 Contract SOW 9.25661-58-8 PCB Congener # 64 0.00089 ng/m3 0.00025 7/83/13 717/13 Contract SOW 9.2578-160-0 PCB Congener # 66 0.0014 ng/m3 0.00025 7/83/13 717/13 Contract SOW 9.2578-160-0 PCB Congener # 67 0.00024 U ng/m3 0.00025 7/83/13 717/13 Contract SOW 9.2578-15-3-2 PCB Congener # 77 0.00024 U ng/m3 0.00025 7/83/13 717/13 Contract SOW 9.2578-15-3-3 PCB Congener # 72 0.00049 U ng/m3 0.00025 7/83/13 717/13 Contract SOW 9.258-16-0 PCB Congener # 77 0.00024 U ng/m3 0.00025 7/83/13 717/13 Contract SOW 9.258-15-3 PCB Congener # 78 0.00024 U ng/m3 0.00025 7/83/13 717/13 Contract SOW 9.258-15-3 PCB Congener # 78 0.00024 U ng/m3 0.00025 7/83/13 717/13 Contract SOW 9.258-15-3 PCB Congener # 79 0.00024 U ng/m3 0.00025 7/83/13 717/13 Contract SOW 9.258-15-3 PCB Congener # 79 0.00049 U ng/m3 0.00025 7/83/13 717/13 Contract SOW 9.258-15-5 PCB Congener # 80 0.00024 U ng/m3 0.00025 7/83/13 717/13 Contract SOW 9.258-25-5 PCB Congener # 81 0.00024 U ng/m3 0.00025 7/83/13 717/13 Contract SOW 9.258-25-5 PCB Congener # 81 0.00024 U ng/m3 0.00025 7/83/13 717/13 Contract SOW 9.258-25-5 PCB Congener # 83 0.00024 U ng/m3 0.00025 7/83/13 717/13 Contract SOW 9.258-25-5 PCB Congener # 83 0.00024 U ng/m3 0.00025 7/83/13 717/13 Contract SOW 9.258-25-5 PCB Congener # 83 0.00024 U ng/m3 0.00025 7/83/13 717/13 Contract SOW 9.258-25-5 PCB Congener # 84 0.00024 U ng/m3 0.00025 7/83/13 717/13 Contract SOW 9.258-25-5 PCB Congener # 85 and/or 11.117 0.00074 U ng/m3 0.00025 7/83/13 717/13 Contract SOW 9.258-25-5 PCB Congener # 85 and/or 11.117 0.00074 U ng/m3 0.00025 7/83/13 717/13 Contract SOW 9.258-25-5 PCB Congener # 85 and/or 11.117 0.00074 U ng/m3 0.00025 7/83/13 717/13 Contract SOW 9.258-25-5 PCB Congener # 85 and/or 11.117 0.00074 U ng/m3 0.00075 7/83/13 717/13 Contract SOW 9.258-25-5 PCB Congener # 85 and/or 10 0.00049 U ng/m3 0.000075 7/83/13 717/13 Contract SOW 9.258-25-5 PCB	27.6	Analyte	Results: Qualifiers 11	Units	* MRL * Freque	d Analyzad, Method
PCB Congener # 63	33025-41-1	PCB Congener # 60	0.00056	ng/m3	0.00049 7/03/1	7/17/13 Contract SOW
Section   PCB Congener # 64   0.00089   ng/m3   0.00025   7/03/13   7/17/13   Contract SOW   0.2598-10-0   PCB Congener # 66   0.0014   ng/m3   0.00061   7/03/13   7/17/13   Contract SOW   7/3575-53-8   PCB Congener # 67   0.00024 U ng/m3   0.00025   7/03/13   7/17/13   Contract SOW   7/35755-32   PCB Congener # 68   0.00024 U ng/m3   0.00025   7/03/13   7/17/13   Contract SOW   1.00024   7/03/13   7/17	R4-8000874	PCB Congener # 61 and/or 70,74,76	0.0030	ng/m3	0.00098 7/03/13	3 7/17/13 Contract SOW
10.0014	74472-34-7	PCB Congener # 63	0.00061:U	ng/m3	0.00061 7/03/1	7/17/13 Contract SOW
PCB Congener # 67  0.00024 U  ng/m3  0.00025  703/13  7/17/13  Contract SOW  73575-52-7  PCB Congener # 67  0.00024 U  ng/m3  0.00025  703/13  7/17/13  Contract SOW  41464-42-0  PCB Congener # 72  0.00049 U  ng/m3  0.00025  703/13  7/17/13  Contract SOW  74338-23-1  PCB Congener # 77  0.00024 U  ng/m3  0.00025  703/13  7/17/13  Contract SOW  70362-31-3  PCB Congener # 77  0.00024 U  ng/m3  0.00025  703/13  7/17/13  Contract SOW  70362-31-3  PCB Congener # 78  0.00049 U  ng/m3  0.00049  703/13  7/17/13  Contract SOW  70362-50-4  PCB Congener # 81  0.00024 U  ng/m3  0.00049  703/13  7/17/13  Contract SOW  70362-50-4  PCB Congener # 81  0.00024 U  ng/m3  0.00025  703/13  7/17/13  Contract SOW  70362-50-4  PCB Congener # 82  0.00061-U  ng/m3  0.00065  PCB Congener # 83  0.00064-U  ng/m3  0.00025  703/13  7/17/13  Contract SOW  70362-50-4  PCB Congener # 83  0.00024 U  ng/m3  0.00025  703/13  7/17/13  Contract SOW  70362-50-4  PCB Congener # 83  0.00024 U  ng/m3  0.00025  703/13  7/17/13  Contract SOW  70362-50-4  PCB Congener # 84  0.00024 U  ng/m3  0.00025  703/13  7/17/13  Contract SOW  70362-50-4  PCB Congener # 85  0.00049  PCB Congener # 86  PCB Congener # 86  0.00049  PCB Congener # 86  PCB Congener # 86  PCB Congener # 80  0.00049  PCB Congener # 90  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.000	52663-58-8	PCB Congener # 64	0.00089	ng/m3	0.00025 7/03/13	3 7/17/13 Contract SOW
73575527. PCB Congener #/58	32598-10-0	PCB Congener # 66	0.0014	ng/m3	0:00061 7/03/13	3 7/17/13 Contract SOW
1464-42-0 PCB Congener # 72	73575-53-8	PCB Congener # 67	0.00024 U	ng/m3	0.00025 7/03/13	3 7/17/13 Contract SOW
PCB Congener # 73   0.00024 U   ng/m3   0.00025   7/03/13   7/17/13   Contract SOW	73575-52-7	PCB Congener # 68	0.00024 U	ng/m3 ^s	0.00025 7/03/1	3 . 7/17/13 Contract SOW
32598-13-3 PCB Congener # 77 0,00024 U ng/m3 0,00025 7/03/13 7/17/13 Contract SOW 7/0362-49-1, PCB Congener # 78 0,00024 U ng/m3 0,00025 7/03/13 7/17/13 Contract SOW 33284-52-5 PCB Congener # 80 0,00049 U ng/m3 0,00049 7/03/13 7/17/13 Contract SOW 7/0362-50-4 PCB Congener # 81 0,00024 U ng/m3 0,00025 7/03/13 7/17/13 Contract SOW 7/0362-50-4 PCB Congener # 82 0,00061-U ng/m3 0,00025 7/03/13 7/17/13 Contract SOW 7/0362-50-4 PCB Congener # 83 0,00024 U ng/m3 0,00025 7/03/13 7/17/13 Contract SOW 7/0362-50-2 PCB Congener # 84 0,00024 U ng/m3 0,00025 7/03/13 7/17/13 Contract SOW 7/0363-60-2 PCB Congener # 84 0,00047 ng/m3 0,00025 7/03/13 7/17/13 Contract SOW 7/03/15 PCB Congener # 88 and/or 116,117 0,00074 U ng/m3 0,00074 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract SOW 7/03/15 7/03/13 7/17/13 Contract	41464-42-0	PCB Congener # 72	0.00049 U	ng/m3	0.00049 7/03/13	3 7/17/13 Contract SOW
### 17362-49-1. PCB Congener # 78	74338-23-1	PCB Congener # 73	0.00024 U	ng/m3	0.00025 7/03/1	3 17/17/13 Contract SOW
### A Contract SOW 1464-48-6 PCB Congener # 79	32598-13-3	PCB Congener # 77	0.00024 U	ng/m3	0.00025 7/03/13	3 7/17/13 Contract SOW
33284-52-5 PCB Congener # 80	70362-49-1	PCB Congener # 78	0.00024 U	ng/m3	0.00025 7/03/1	3 7/17/13 Contract SOW
PCB Congener # 81  0.00024 U  ng/m3  0.00025  7/03/13  7/17/13  Contract SOW  PCB Congener # 82  0.00061 U  ng/m3  0.00025  7/03/13  7/17/13  Contract SOW  PCB Congener # 83  0.00024 U  ng/m3  0.00025  7/03/13  7/17/13  Contract SOW  S2663-60-2  PCB Congener # 84  0.00047  ng/m3  0.00025  7/03/13  7/17/13  Contract SOW  PCB Congener # 85 and/or 116,117  0.00074 U  ng/m3  0.00074  7/03/13  7/17/13  Contract SOW  PCB Congener # 86 and/or  0.0015 D  ng/m3  0.00015  7/03/13  7/17/13  Contract SOW  PCB Congener # 88 and/or 91  0.00049 U  ng/m3  0.00049  PCB Congener # 88 and/or 91  0.00026  R4-8000879  PCB Congener # 90  PCB Congener # 90  0.00024 U  ng/m3  0.00074  7/03/13  7/17/13  Contract SOW  PCB Congener # 90  0.00038  ng/m3  0.000025  7/03/13  7/17/13  Contract SOW  PCB Congener # 92  0.00038  ng/m3  0.000025  PCB Congener # 93  0.00049  7/03/13  7/17/13  Contract SOW  PCB Congener # 92  0.00038  ng/m3  0.000025  7/03/13  7/17/13  Contract SOW  PCB Congener # 94  0.00024 U  ng/m3  0.00049  7/03/13  7/17/13  Contract SOW  PCB Congener # 94  0.00024 U  ng/m3  0.00049  7/03/13  7/17/13  Contract SOW  PCB Congener # 94  0.00024 U  ng/m3  0.00049  7/03/13  7/17/13  Contract SOW  PCB Congener # 95  0.00024  PCB Congener # 96  0.00024  PCB Congener # 97  0.00049  PCB Congener # 97  0.00049  PCB Congener # 98  0.00024  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049  0.00049	41464-48-6	PCB Congener # 79	0.00049 U	ng/m3	0.00049 7/03/13	7/17/13 Contract SOW
52663-62-4 PCB Congener #82 0:00061 U ng/m3 0:00061 7:03/13 7:11713 Contract SOW 60145-20-2 PCB Congener # 83 0:00024 U ng/m3 0:00025 7:03/13 7:17/13 Contract SOW 52663-60-2 PCB Congener # 84 0:00047 ng/m3 0:00025 7:03/13 7:17/13 Contract SOW R4-8000876 PCB Congener # 85 and/or 116,117 0:00074 U ng/m3 0:00074 7:03/13 7:17/13 Contract SOW 8526450707 PCB Congener # 86 and/or 0:0015 E ng/m3 0:0015 7:03/13 7:17/13 Contract SOW 87;97;109;119;125	33284-52-5	PCB Congener # 80	⊕ 0.00049 U	ng/m3	0.00049 7/03/1	3 7/17/13 / Contract SOW
PCB Congener # 83   0.00024 U   ng/m3   0.00025   7/03/13   7/17/13   Contract SOW	70362-50-4	PCB Congener # 81	0.00024 U	ng/m3	0.00025 7/03/13	3 7/17/13 Contract SOW
52663-60-2         PCB Congener # 84         0:00047         ng/m3         0:00025         7/03/13         7/17/13         Contract SOW           R4-8000876         PCB Congener # 85 and/or 116,117         0.00074         U         ng/m3         0.0015         7/03/13         7/17/13         Contract SOW           E52450707         PCB Congener # 86 and/or 87,7109;H19;125         0.0015         ng/m3         0.0015         7/03/13         7/17/13         Contract SOW           R4-8000878         PCB Congener # 88 and/or 91         0.00049         U         ng/m3         0.00049         7/03/13         7/17/13         Contract SOW           R4-8000879         PCB Congener # 89         0.00024         ng/m3         0.00074         7/03/13         7/17/13         Contract SOW           R4-8001052         PCB Congener # 92         0.00038         ng/m3         0.00025         7/03/13         7/17/13         Contract SOW           R4-8001052         PCB Congener # 93         0.00049         U         ng/m3         0.00049         7/03/13         7/17/13         Contract SOW           73575-55-0         PCB Congener # 93         0.00024         ng/m3         0.00025         7/03/13         7/17/13         Contract SOW           38379-99-6         PCB Congener #	52663-62-4	PCB Congener # 82	.0.00061 U	ng/m3	0.00061 7/03/1	3 7/17/13 Contract SOW
R4-800876 PCB Congener # 85 and/or 116,117 0.00074 U ng/m3 0.00074 7/03/13 7/17/13 Contract SOW E52450707 PCB Congener # 86 and/or 0.0015 E ng/m3 0.0015 7/03/18 7/17/13 Contract SOW 87;97;109;ji19;125 R4-8000878 PCB Congener # 88 and/or 91 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 73575-57-2, PCB Congener # 89 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW R4-8000879 PCB Congener # 90 and/or 101,113 0.0026 ng/m3 0.00074 7/03/13 7/17/13 Contract SOW PCB Congener # 92 0.00038 ng/m3 0.00025 7/03/13 7/17/13 Contract SOW R4-8001052 PCB Congener # 93 and/or 100 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 73575-55-0 PCB Congener # 94 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW R4-8001052 PCB Congener # 94 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW R4-8001052 PCB Congener # 95 0.00022 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 73575-54-9 PCB Congener # 95 0.0022 ng/m3 0.00025 7/03/13 7/17/13 Contract SOW	60145-20-2	PCB Congener # 83	0.00024 U	ng/m3	0.00025 7/03/13	3 7/17/13 Contract SOW
E524S0707 PCB Congener # 86 and/or 0.0015 F ng/m3 0.0015 7/03/13 7/17/13 Contract SOW 87.97,109;i19,125  R4-8000878 PCB Congener # 88 and/or 91 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 73575±57-2; PCB Congener # 89 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW R4-8000879 PCB Congener # 90 and/or 101,113 0.0026 ng/m3 0.00074 7/03/13 7/17/13 Contract SOW 82663-61-3 PCB Congener # 92 0.00038 ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 84-8001052 PCB Congener # 93 and/or 100 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 73575-55-0 PCB Congener # 94 0.00024 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 73575-55-0 PCB Congener # 95 0.0022 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 73575-54-9F PCB Congener # 96 0.00024 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 73575-54-9F PCB Congener # 96 0.00024 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 73575-54-9F PCB Congener # 96 0.00024 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 73575-54-9F PCB Congener # 96 0.00024 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 73575-54-9F PCB Congener # 96 0.00024 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 73575-54-9F PCB Congener # 96 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 73575-54-9F PCB Congener # 96 0.00024 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW	52663-60-2	PCB Congener # 84	0:00047	ng/m3	0:00025 7/03/1	1 7/17/13 Contract SOW
87:97.109;H9;L25  R4-8000878 PCB Congener # 88 and/or 91 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW  73575:57-22 PCB Congener # 89 0.00024 U ng/m3 0.00074 7/03/13 7/17/13 Contract SOW  R4-8000879 PCB Congener # 90 and/or 101,113 0.0026 ng/m3 0.00074 7/03/13 7/17/13 Contract SOW  \$2663-61-3 PCB Congener # 92 0.00038 ng/m3 0.00025 7/03/13 7/17/13 Contract SOW  R4-8001052 PCB Congener # 93 and/or 100 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW  73575-55-0 PCB Congener # 94 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW  73575-55-0 PCB Congener # 95 0.0022 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW  73575-54-9 PCB Congener # 96 0.00024 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW	R4-8000876	PCB Congener # 85 and/or 116,117	0.00074 U	ng/m3	0.00074 7/03/13	3 7/17/13 Contract SOW
R4-8000878 PCB Congener # 88 and/or 91 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 73575:57-2 PCB Congener # 89 0.00024 U ng/m3 0.00074 7/03/13 7/17/13 Contract SOW PCB Congener # 90 and/or 101,113 0.0026 ng/m3 0.00074 7/03/13 7/17/13 Contract SOW 52663-61-3 PCB Congener # 92 0.00038 ng/m3 0.00025 7/03/13 7/17/13 Contract SOW R4-8001052 PCB Congener # 93 and/or 100 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 73575-55-0 PCB Congener # 94 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 38379-99-6 PCB Congener # 95 0.0022 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 73575-54-9 PCB Congener # 96 0.00024 U ng/m3 0.00045 7/03/13 7/17/13 Contract SOW 73575-54-9 PCB Congener # 96 0.00024 U ng/m3 0.00045 7/03/13 7/17/13 Contract SOW 73575-54-9 PCB Congener # 96 0.00024 U ng/m3 0.00045 7/03/13 7/17/13 Contract SOW 73575-54-9 PCB Congener # 96 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW	E52450707	~	0.0015 E	ng/m3	0.0015, 7/03/1	3 7/17/13 Contract SOW
PCB Congener # 89	DA 9000979	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	0.00040.11	/2	0.00040	7.44
R4-8000879 PCB Congener # 90 and/or 101,113 0.0026 ng/m3 0.00074 7/03/13 7/17/13 Contract SOW 52663-61-3 PCB/Congener # 92 0.00038 ng/m3 0.00025 7/03/13 7/17/13 Contract SOW R4-8001052 PCB Congener # 93 and/or 100 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 73575-55-0 PCB/Congener # 94 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 838379-99-6 PCB Congener # 95 0.0022 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 73575-54-9 PCB/Congener # 96 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW	Section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the sectio					
52663-61-3 PCB Congener # 92 0.00038 ng/m3 0.00025 7/03/13 7/17/13 Contract SOW  R4-8001052 PCB Congener # 93 and/or 100 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW  73575-55-0 PCB Congener # 94 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW  38379-99-6 PCB Congener # 95 0.0022 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW  73575-54-9 PCB Congener # 96 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW	970					2. T. S.
R4-8001052 PCB Congener # 93 and/or 100 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 73575-55-0 PCB Congener # 94 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 38379-99-6 PCB Congener # 95 0.0022 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 73575-54-9 PCB Congener # 96 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW						
73575-55-0 PCB Congener # 94 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW 38379-99-6 PCB Congener # 95 0.0022 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 73575-54-9 PCB Congener # 96 0.00024 U ng/m3 0.00025 7/03/13 7/17/13 Contract SOW	and the second second			3.00		4.000
38379-99-6 PCB Congener # 95 0.0022 ng/m3 0.00049 7/03/13 7/17/13 Contract SOW 73575-54-9 PCB Congener # 96 0.00024 U. ng/m3 0.00025 7/03/13 7/17/13 Contract SOW		•	-			
73575-54-9: PCB Congener # 96 0,00024 U ng/m3 0,00025 7/03/13 7/17/13 Contract SQW	TOTAL STREET			A CHARLES		
	38379-99-6			_		
R4-8001056 PCB Congener # 98 and/or 102 0.00049 U ng/m3 0.00049 7/03/13 7/17/13 Contract SOW	AND DESCRIPTION OF THE PERSON			ng/m3	0.00025 7/03/1	7/17/13 Contract SOW
	R4-8001056	PCB Congener # 98 and/or 102	0.00049 _. U	ng/m3	0.00049 7/03/13	7/17/13 Contract SOW

C133003 PCBA FINAL 08 07 13 0845 Page 8 of 68

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: <u>FB062513</u>

Station ID:

Lab ID: C133003-01

Matrix: Field Blank Air

Date Collected: 6/25/13 8:53

	ected: 6/25/13 8:53					and the second	
CAS	Analyte 2 2	Results Obalifiers	Units	MRL	Prepared	Analyzed	Method
38380-01-7	PCB Congener # 99	0.00048	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
60145-21-3	PCB Congener #103	0.00061 U	ng/m3	0.00061	7/03/13	7/17/13	Contract SOW
56558-16-8	PCB Congener #104	0.00024 U ***********************************	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
32598-14-4	PCB Congener #105	0.00042	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
70424-69-0	PCB Congener #106	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
70424-68-9	PCB Congener #107	0.00049 U	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
R4-8001053	PCB Congener #108 and/or 124	0.00049 U	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
R4-8000882	PCB Congener #110 and/or 115	0.0022	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
39635-32-0	PCB Congener #111	0.00024 U	.ng/m3	0:00025	7/03/13	7/17/13	Contract SOW
74472-36-9	PCB Congener #112	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
74472-37-0	PCB Congener #114	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
31508-00-6	PCB Congener #118	0.0013	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
68194-12-7	PCB Congener #120	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
56558-18-0	PCB Congener #121	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
76842-07-4	PCB Congener #122	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
65510-44-3	PCB Congener #123	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
57465-28-8	PCB Congener #126		ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
39635-33-1	PCB Congener #127	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
R4-8000883	PCB Congener #128 and/or 166	0.00049 U	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
R4-8001054	PCB Congener #129 and/or 138,163	0.0024	ng/m3	0.00074	7/03/13	7/17/13	Contract SOW
52663-66-8	PCB Congener #130	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
61798-70-7	PCB Congener #131	0.00024 U	. ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
38380-05-1	PCB Congener #132	0.0011	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
35694-04-3	PCB Congener #133	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
52704-70-8	PCB Congener #134	0.00024°U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
R4-8001055	PCB Congener #135 and/or 151	0.0015	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
38411-22-2	PCB Congener #136	0.00059	∯ ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
35694-06-5	PCB Congener #137	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
R4-8000887	PCB Congener #139 and/or 140	0.00049 U	g ng/m3	0.00049	7/03/13	7/17/13	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FB062513

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Lab ID: <u>C133003-01</u>

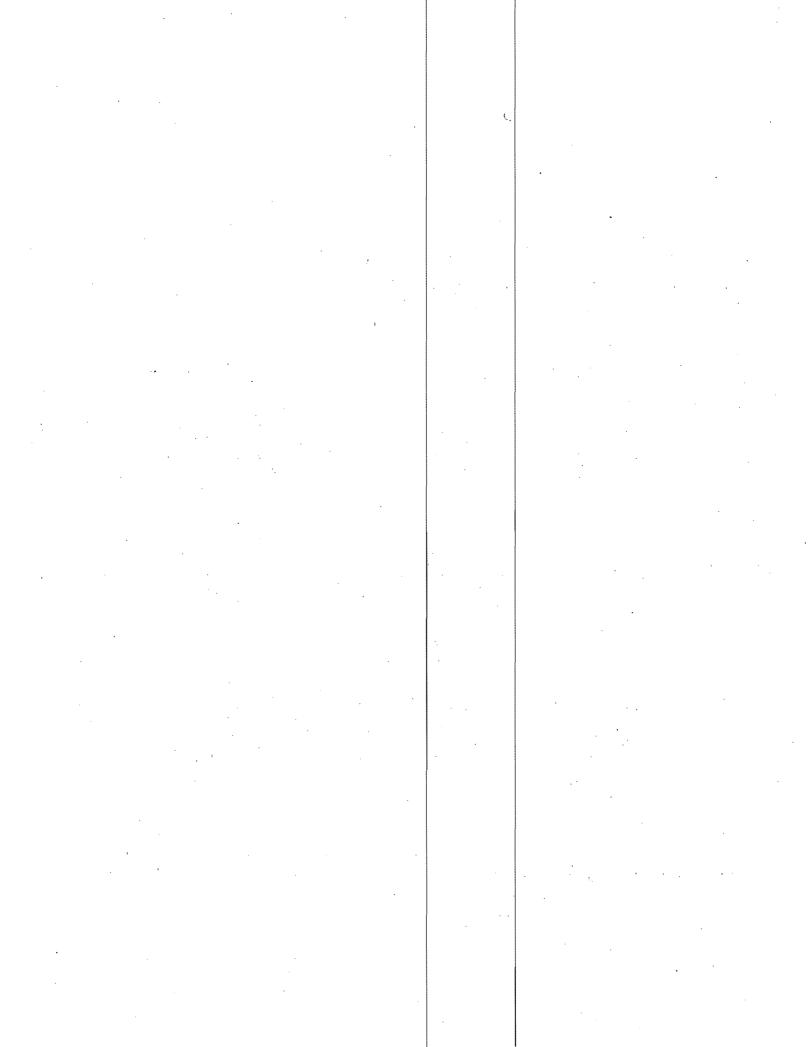
Station ID:

Matrix: Field Blank Air

Date Collected: 6/25/13 8:53

Date Colle	ected: 0/25/15 6:55						
CAS Number	Analyte	Results Qualifiers	Units.	+ MRL	Prepared	Analyzed	Method 27
52712-04-6	PCB Congener #141	0:00067	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
41411-61-4	PCB Congener #142	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
68194-15-0	PCB Congener #143	0:00024 U	ng/m3	.0.00025	7/03/13	7/17/13	Contract SOW
68194-14-9	PCB Congener #144	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
74472-40-5	PCB Congener #1458.	0:00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
51908-16-8	PCB Congener #146	0.00042	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
R4-8000888	PCB Congener #147 and/or 149	1 0.0030	ng/m3	0.00098	7/03/13	7/17/13	Contract SOW
74472-41-6	PCB Congener #148	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
68194-08-1	PCB Congener #150	0.000 <b>24</b> L)	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
68194-09-2	PCB Congener #152	0:00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
R4-8000889	PCB Congener #153 and/or 168	0.0026	ng/m3	0.00098	7/03/13	7/17/13	Contract SOW
60145-22-4	. PCB Congener #154	0.00024 U	ng/m3 .	0.00025	7/03/13	7/17/13	Contract SOW
33979-03-2	PCB Congener #155	0.00024 U	ng/m3	0:00025	7/03/13	7/17/13	Contract SOW
R4-8000890	PCB Congener #156 and/or 157	0.00049 U	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
74472-42-7	PCB Congener #158	0:00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
39635-35-3	PCB Congener #159	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
41411-62-5	PCB Congener #160	- 0.00024 ∪	• + ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
74472-43-8	PCB Congener #161	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
39635-34-2	PCB Congener #162	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
74472-45-0	PCB Congener #164	-0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
74472-46-1	PCB Congener #165,	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
52663-72-6	PCB Congener #167	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
32774-16-6	PCB Congener #169	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
35065-30-6	PCB Congener #170	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
R4-8000891	PCB Congener #171 and/or 173	0.00049 U	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
52663-74-8	PCB Congener #172	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
38411-25-5	PCB Congener #174	0.00036	ng/m3i /	0.00025	7/03/13	7/17/13	Contract SOW
40186-70-7	PCB Congener #175	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
52663-65-7	PCB Congener#176	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: <u>FB062513</u>

Lab ID: C133003-01

Station ID:

Matrix: Field Blank Air

Date Collected: 6/25/13 8:53

CAS				4.5		i i	
Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
52663-70-4	PCB Congener #177	0.00024 U	ng/m3	0:00025	7/03/13	7/17/13	Contract SOW
52663-67-9	PCB Congener #178	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
52663-64-6	PCB Congener #179-	0.00031	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
R4-8000892	PCB Congener #180 and/or 193	0.00049 U	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
74472-47-2	PCB Congener #181	0:00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
60145-23-5	PCB Congener #182	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
R4-8000893	PCB Congener #183 and/or 185	0.00049 U	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
74472-48-3	PCB Congener #184	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
74472-49-4	PCB Congener #186	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
52663-68-0	PCB Congener #187	0.00051	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
74487-85-7	PCB Congener #188	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
39635-31-9	PCB Congener #189	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
41411-64-7	PCB Congener #190	0.00024 U × 1	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW is
74472-50-7	PCB Congener #191	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
74472-51-8	PCB Congener #192***	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
35694-08-7	PCB Congener #194	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
52663-78-2	PCB Congener #195	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
42740-50-1	PCB Congener #196	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
R4-8000894	PCB Congener:#197/and/or 200	0.00049-U	ng/m3	0.00049	7/03/13	* 7/17/13	Contract SOW
R4-8000895	PCB Congener #198 and/or 199	0.00049 U	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
40186-71-8	PCB Congener #201	0.00024 U	.ng/m3	0:00025	7/03/13	7/17/13	Contract SOW
2136-99-4	PCB Congener #202 .	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
52663-76-0	PCB Congener #203	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
74472-52-9	PCB Congener #204	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
74472-53-0	PCB Congener #205	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
40186-72-9	PCB Congener #206	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
52663-79-3	PCB Congener #207	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
52663-77-1	PCB Congener #208	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW
2051-24-3	PCB Congener #209	0.00024 U	ng/m3	0.00025	7/03/13	7/17/13	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: <u>FB062513</u>

Lab ID: C133003-01

Station ID:

Matrix: Field Blank Air

Date Collected: 6/25/13 8:53

Date Cone	CtCat. O/BOX C C-CC				•	
CAS			arie	replace 17	) and it	* <b>3</b> 4.2
Number	Analyte	Results Qualifiers	Units	MRL Prepared	Analyzed	Method
25429-29-2	Pentachlorobiphenyl (Fotal)	0.010	ng/m3	0.00025 7/03/13	7/17/13	Contract SOW
R4-8001026	TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98)	6.2E-5	ng/m3	7/03/13	7/17/13	Contract SOW
R4-8001027	TEO (Fish Toxic Equiv. for PCBs, WHO TEO-98).	1:4E-6	ng/m3	7/03/13		Contract SOW
R4-8000909	TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05)	3.2E-5	ng/m3	7/03/13	7/17/13	Contract SOW
26914-33-0	Tetrachlorobiphenyl (Total)	0.017	ng/m3	0.00025 7/03/13	7/17/13	Contract SOW
1336-36-3	Total PCBs	0.084	ng/m3	0.00025 7/03/13	7/17/13	Contract SOW
25323-68-6	Trichlorobiphenyl (Total)	0:017	ng/m3	0.00025 7/03/13	7/17/13	Contract SOW
		*				

C133003 PCBA FINAL 08 07 13 0845



Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062513

Station ID: **F** 

Lab ID: C133003-02

Matrix: Air

Date Collected: 6/25/13 9:10

C4S         Number         Analyte         Result           25512-42-9         Dichlorobiphenyl (Total)         0.7           28655-71-2         Heptachlorobiphenyl (Total)         0.03           26601-64-9         Hexachlorobiphenyl (Total)         0.1	1 ng/m3		Prepared 7/03/13	Analyzed 7/17/13	
28655-71-2 Heptachlorobiphenyl (Total) 0.03	1 ng/m3		7/03/13	7/17/13	Carlos COV
	-	0.00027	************	W-47 KENNYSYN (COMMERCA)	Contract SOW
26601-64-9 Hexachlorobiphenyl (Total) 0.1	2' ng/m3		7/03/13	7/17/13	Contract SOW
		0.00027	7/03/13	7/17/13	Contract SOW
27323-18-8 Monochlorobiphenyl (Total) 0.1	6 ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
53742-07-7 Nonachlorobiphenyl (Total) 0.001	4 ng/m3	0,00027	7/03/13	7/17/13	Contract SOW
55722-26-4 Octachlorobiphenyl (Total) 0.006	2 ng/m3	. 0.00027	7/03/13	7/17/13	Contract SOW
2051-60-7 PCB Congener # 1 0:1	5 ng/m3	0.00068	7/03/13	7/17/13	Contract SOW
2051-61-8 PCB Congener # 2 0.004	2 ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
2051-62-9 PCB Congener #. 3 0.01	5ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
13029-08-8 PCB Congener # 4 0.3	3 ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
16605-91-7 PCB Congener # 5 0.004	8 ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
25569-80-6 PCB Congener # 6 0.05	2 ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
33284-50-3 PCB Congener # 7 0.02	0 ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
34883-43-7 PCB Congener # 8 0.2	2 ng/m3	0.0027	7/03/13	7/17/13	Contract SOW
34883-39-1 PCB Congener # .9 0.01	7 ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
33146-45-1 PCB Congener # 10 0.01	5 ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
2050-67-1 PCB Congener # 11 0.07	5 U, B-4ng/m3	0.0068	7/03/13	7/17/13	Contract SOW
R4-8000863 PCB Congener # 12 and/or 13 0.009	0 ng/m3	0.0011	7/03/13	7/17/13	Contract SOW
34883-41-5 PCB Congener # 14 0.0005	4 U ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
2050-68-2 PCB Congener # 15 0.06	4 ng/m3	0.0027	7/03/13	7/17/13	Contract SOW
38444-78-9 PCB Congener # 16 0.07	4 ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
37680-66-3 PCB Congener # 17 0.09	4 ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
R4-8000864 PCB Congener # 18 and/or 30 0.1	7 ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
38444-73-4 PCB Congener # 19 . 0.07	0 ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
R4-8000865 PCB Congener # 20 and/or 28 0.1	5 ng/m3	0.0027	7/03/13	7/17/13	Contract SOW
R4-8000866 PCB Congener # 21 and/or 33 0.08	3 ng/m3	0.0011	7/03/13	7/17/13	Contract SOW
38444-85-8 PCB Congener # 22 0.05	3 ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
55720-44-0 PCB Congener # 23 0.0002	7 U· ng/m3	0.00027	7/03/13	7/1,7/13	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062513

Station ID: <u>F</u>

Lab ID: C133003-02

Matrix: Air

Date Collected: 6/25/13 9:10

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CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared.	Analyzed	Method :
55702-45-9	PCB Congener # 24	0.0041	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
55712-37-3	PCB Congener # 25	0.015	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
R4-8000867	PCB Congener # 26 and/or 29	0:031	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
38444-76-7	PCB Congener # 27	0.017	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
16606-02-3	PCB Congener # 31.	0.14	ng/m3	0.0014	7/03/13	7/17/13	Contract SOW
38444-77-8	PCB Congener # 32	0.046	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
37680-68-5	PCB Congener # 34	0.00069	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
37680-69-6	PCB Congener # 35	0.0021	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
38444-87-0	PCB Congener # 36	0.00054 U	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
38444-90-5	PCB Congener # 37	0.023	ng/m3	0.0027	7/03/13	7/17/13	Contract SOW
53555-66-1	PCB Congener # 38	0.00027 Ú	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
38444-88-1	PCB Congener # 39	0.00054 U	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
R4=8001051	PCB Congener # 40 and/or 7/1	0.036	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
52663-59-9	PCB Congener # 41	0.0072	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
36559-22-5	PCB Congetier # 42	0.0312	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
70362-46-8	PCB Congener # 43	` 0.0045	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
R4-8000869	PCB Congener # 44 and/or 47,65	0.12	ng/m3	0.00082	7/03/13	7/17/13	Contract SOW
R4-8000870	PCB Congener # 45 and/or 51	0.028	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
41464-47-5	PCB Congener # 46	0:0073	ng/m3	0.00027	- 7/03/13	7/17/13	Contract SOW
70362-47-9	PCB Congener # 48	0.019	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
R4-8000871	PCB Congener # 49 and/or 69	880.0	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
R4-8000872	PCB Congener # 50 and/or 53	0.021	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
35693-99-3	PCB Congener # 52: :/-	-0M6	* / ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
15968-05-5	PCB Congener # 54	0.0020	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
74338-24-2	PCB Congener # 55	0.00051	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
41464-43-1	PCB/Congener # 56	0.016	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
70424-67-8	PCB Congener # 57	0.00033	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
41464-49-7	PCB Congener # 58	0.00027 U	ng/m3 ¯	0.00027	7/03/13	7/17/13	Contract SOW
R4-8000873	PCB Congener # 59 and/or 62.75	0.00917	ng/m3	0.00082	7/03/13	7/17/13	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700.

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB Aroclors**

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062513

Station ID: **F** 

Lab ID: C133003-02

Matrix: Air

Date Collected: 6/25/13 9:10

CAS			Par Balli				
Number	Analyte	Results Qualifiers	Units	MRL	Preparea	Analyzed	Methat
33025-41-1	PCB Congener #.60	0.0076	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
R4-8000874	PCB Congener # 61 and/or 70,74,76	0.064	ng/m3	0.0011	7/03/13	7/17/13	Contract SOW '
74472-34-7	PCB Congener # 63.	0:0020	ng/m3	0.00068	7/03/13	: <b>7/1</b> 7/13	Contract SOW
52663-58-8	PCB Congener # 64	0.043	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
32598-10-0	PCB Congener,#66	0.040	- ing/m3	0.00068	7/03/13	7/17/13	Contract SOW
73575-53-8	PCB Congener # 67	0.0013	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
73575-52-7	PCB Congener # 68	0.0012	.ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
41464-42-0	PCB Congener # 72	0.00078	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
74338-23-1	PCB Congener # 73	0.00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
32598-13-3	PCB Congener # 77	0.0021	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
70362-49-1	PCB Congener # 78	0.00027 U	ng/m3 🕒	0.00027	7/03/13	7/17/13	Contract SOW
41464-48-6	PCB Congener # 79	0.00054 U	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
33284-52-5	PCB Congener # 80	0.00054 U	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
70362-50-4	PCB Congener # 81	0.00027 U	ng/m3	0.00027	7/03/13	7/17/13 ,	Contract SOW
52663-62-4	PCB Congener # 82	0.0038	ng/m3	0.00068	7/03/13	7/17/13	Contract SOW
60145-20-2	PCB Congener # 83	0.0021	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
52663-60-2	PCB Congener # 84	0.014	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
R4-8000876	PCB Congener # 85 and/or 116,117	0.0081	ng/m3	0.00082	7/03/13	7/17/13	Contract SOW
E52450707	PCB Congener # 86 and/or	0.029	ng/m3	0.0016	7/03/13	7/17/13	Contract SOW -
R4-8000878	87,97,109,119,125 PCB Congener # 88 and/or 91	0.010	ng/m3	0.00064	#400 H 0	20202	G
73575-57-2	PCB Congener # 89	0.010 0.00074	ng/m3	0.00054	7/03/13 7/03/13	7/17/13	Contract SOW
R4-8000879						7/17/13	
52663-61-3	PCB Congener # 90 and/or 101,113 PCB Congener,#-92	', 0.056	ng/m3	0.00082	7/03/13	7/17/13	Contract SOW
R4-8001052					7/03/13	7/17/13	Contract SOW
73575-55:0	PCB Congener # 94	0.00090	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
38379-99-6	IN COLUMN TO THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE P	0.00061	= ng/m3	0.00027	7/03/13		Contract SOW
	PCB Congener # 95	0.056	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
73575-54-9	PCB Congener # 96	0.00085		-0.00027	7/03/13		Contract SOW
R4-8001056	PCB Congener # 98 and/or 102	0.0026	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062513

Station ID: F

Lab ID: C133003-02

Matrix: Air

Date Collected: 6/25/13 9:10

CAS	Analyte	Results Onalifiers	Units	Marian	Prepared	lauhred	Action
38380-01-7:	PCB Congener # 99	0.027		Belling a		7,000	
60145-21-3	PCB Congener #103	0.00078	ng/m3	**0:00027 0.00068	7/03/13 7/03/13	7/17/13	Contract SOW  Contract SOW
56558=16-8	PCB Congener#104	0.00078	ng/m3	0.00003	7/03/13 7/03/13		Contract SOW
32598-14-4	PCB Congener #105	0.0068	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
70424-69-0	PCB Congener #106	0.00027 10	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
70424-68-9	PCB Congener #107	0.0015	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
R4-8001053	PCB Congener #108 and/or 124	0.00091	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
R4-8000882	PCB Congener #110 and/or 115	0.042	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
39635-32-0	PCB Congener #1:11	0.00027*U	ng/m3	0,00027	7/03/13	7/17/13	Contract SOW
74472-36-9	PCB Congener #112	0.00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
74472-37-0	PCB Congener #114	0.00054	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
31508-00-6	PCB Congener #118	0.020	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
68194-12-7	PCB Congener #120	0.00027.U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
56558-18-0	PCB Congener #121	0.00035 U, B-4	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
76842-07-4	PCB Congener #122	0:00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
65510-44-3	PCB Congener #123	0.00048	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
57465-28-8	PCB Gongener #126	0.00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
39635-33-1	PCB Congener #127	0.00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
R4-8000883	PCB Congener #128 and/or 166	0.0018	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
R4-8001054	PCB Congener #129 and/or 138,163	· 0.019	ng/m3	0.00082	7/03/13	7/17/13	Contract SOW
52663-66-8	PCB Congener #130	0.0011	ng/m3	0:00027	7/03/13	7/17/13	Contract SOW
61798-70-7	PCB Congener #131	0.00042	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
38380-05-1	PCB Congener #132	0.0087.	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
35694-04-3	PCB Congener #133	0.00045	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
52704-70-8	PCB Congener #134	0.0018.40	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
R4-8001055	PCB Congener #135 and/or 151	0.014	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
38411-22-2	PCB Congener #136	0.0058	ng/m3	0.00027	. 7/03/13	7/17/13	Contract SOW
35694-06-5	PCB Congener #137	0.00074	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
R4-8000887	PCB Congener #139 and/or 140	0:00056	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

### **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062513

Station ID: F

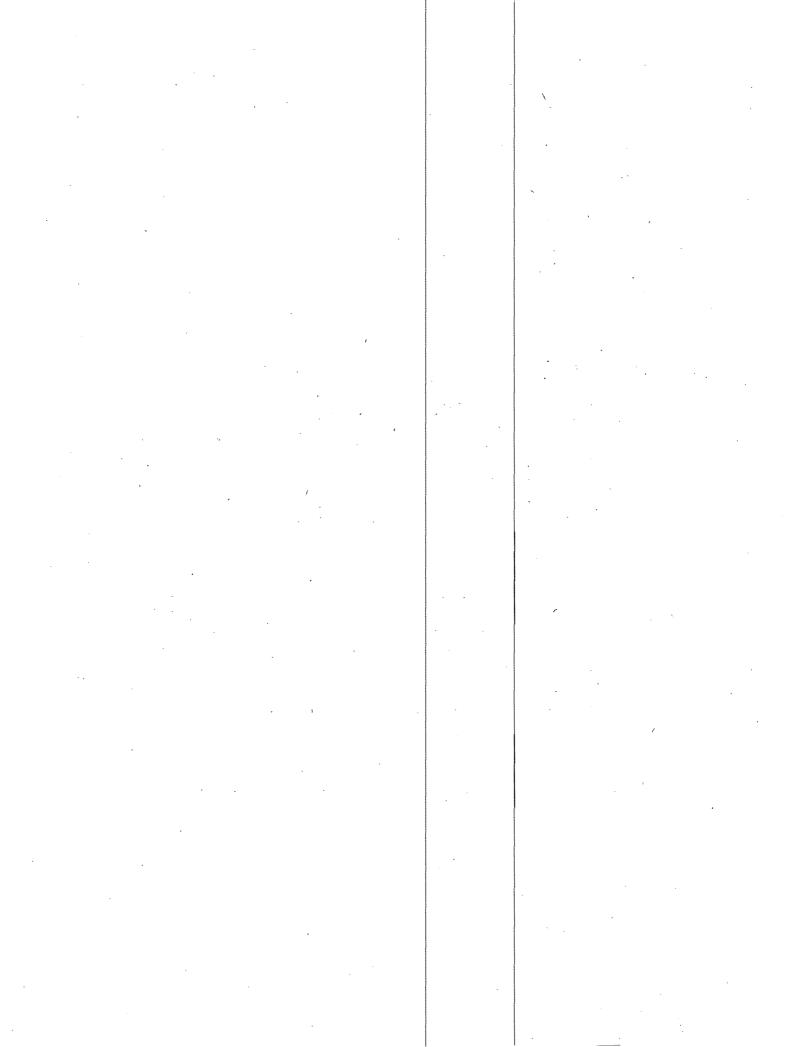
Lab ID: <u>C133003-02</u>

Matrix: Air

Date Collected: 6/25/13 9:10

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Number	Analyse	Results Qualifiers	Units	MRL	Prepured	Analyzed	Method
52712-04-6	PCB Congener #141	0.0041	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
41411-61-4	PCB Congener #142	0.00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
68194-15-0	PCB Congener #143	0.00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
68194-14-9	PCB Congener #144	0.0016	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
74472-40-5	PCB Congener #145	0.00027 U ±	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
51908-16-8	PCB Congener #146	0.0038	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
R4-8000888	PCB Congener #147 and/or 149	0.028	ng/m3	0.0011	7/03/13	7/17/13	Contract SOW
74472-41-6	PCB Congener #148	0.00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
68194-08-1	PCB Congener #150	· 0.00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
68194-09-2	PCB Congener #152	0.00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
R4-8000889	PCB Congener #153 and/or 168	0.021	ng/m3	0.0011	7/03/13	7/17/13	Contract SOW
60145-22-4	PCB Congener #154	0.00049	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
33979-03-2	PCB Congener #155	0.00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
R4-8000890	PCB Congener #156 and/or 157	0.0011	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
74472-42-7	PCB Congener #158	0.0017	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
39635-35-3	PCB Congener #159	0.00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
41411-62-5	PCB Congener #160	0.00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
74472-43-8	PCB Congener #161	0.00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
39635-34-2	PCB Congener #162	0.00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
74472-45-0	· PCB Congener #164	0.0012	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
74472-46-1	PCB Congener #165	0.00027 U .	.ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
52663-72-6	PCB Congener #167	0.00046	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
32774-16-6	PCB Congener #169	0.00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
35065-30-6	PCB Congener #170	0.0014	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
R4-8000891	PCB Congener #171 and/or 173	0.00087	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
52663-74-8	PCB Congener #172	0.00044	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
38411-25-5	PCB Congener #174	0.0038	ng/m3	0:00027	7/03/13	7/17/13	Contract SOW
40186-70-7	PCB Congener #175	0.00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
52663-65-7	PCB Congener #176	0.00089+	ng/m3	0.00027	7/03/13 >	7/17/13	-Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062513

Station ID: **F** 

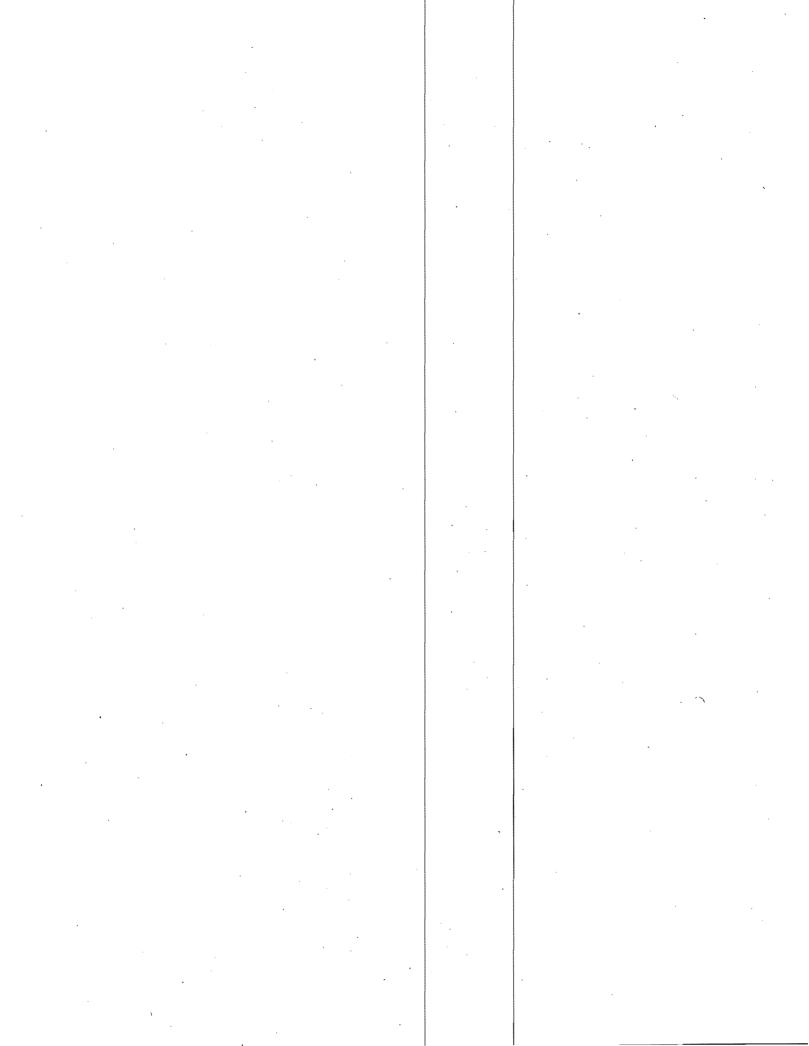
Lab ID: <u>C133003-02</u>

Matrix: Air

Date Collected: 6/25/13 9:10

Date Con	ceted. O/Adrid J.10						
CAS Number 1	Analyte	Results Qualifiers	- Units	MRL	Prepared	7 Apalyzed	Method : Section 1
52663+70-4	PCB Congener #177	0.0021	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
52663-67-9	PCB Congener #178	0.0014	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
52663-64-6	PCB Congener #179	0.0042	ng/m3	0:00027	7/03/13	7/17/13	Contract SOW
R4-8000892	PCB Congener #180 and/or 193	0.0050	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
74472-47-2	PCB Congener #181	6.00027 C	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
60145-23-5	PCB Congener #182	0.00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
R4-8000893	PCB Congener #183 and/or 185	0.0032	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW
74472-48-3	PCB Congener #184	0.00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
74472-49-4	PCB Congener #186	0.00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
52663-68-0	PCB Congener #187	0.0078	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
74487-85-7	PCB Congener #188	0.00027 ⊍ ↓	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
39635-31-9	PCB Congener #189	0.00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
41411-64-7	PCB Congener #190	0.00031	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
74472-50-7	PCB Congener #191	0.00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
74472-51-8	PCB Congener #192	0.00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
35694-08-7	PCB Congener #194	0.00048	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
52663-78-2	PCB Congener #195	0.00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
42740-50-1	PCB Congener #196	0.00056	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
R4-8000894	PCB Congener #197 and/or 200	0.00054 U=	ng/m3	0.00054	7/03/13	7/17/13	- Contract SOW
R4-8000895	PCB Congener #198 and/or 199	0.0019	ng/m3	0.00054	7/03/13	7/17/13	Contract SOW .
40186-71-8	PCB Congener #201	0.00053	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
2136-99-4	PCB Congener #202	0.0017	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW .
52663-76-0	PCB Congener #203	0.0011	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
74472-52-9	PCB Congener #204	0.00027 U	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
74472-53-0	PCB Congener #205	0.00027 ⊎	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
40186-72-9	PCB Congener #206	0.00066 .	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW
52663-79-3	PCB Congener #207	0.00027 U	ng/m3	0:00027	7/03/13	7/17/13	Contract SOW
52663-77-1	PCB Congener #208	0.00072	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW ·
2051-24-3	PCB Congener #209	0.00053	ng/m3	0.00027	7/03/13	7/17/13	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062513

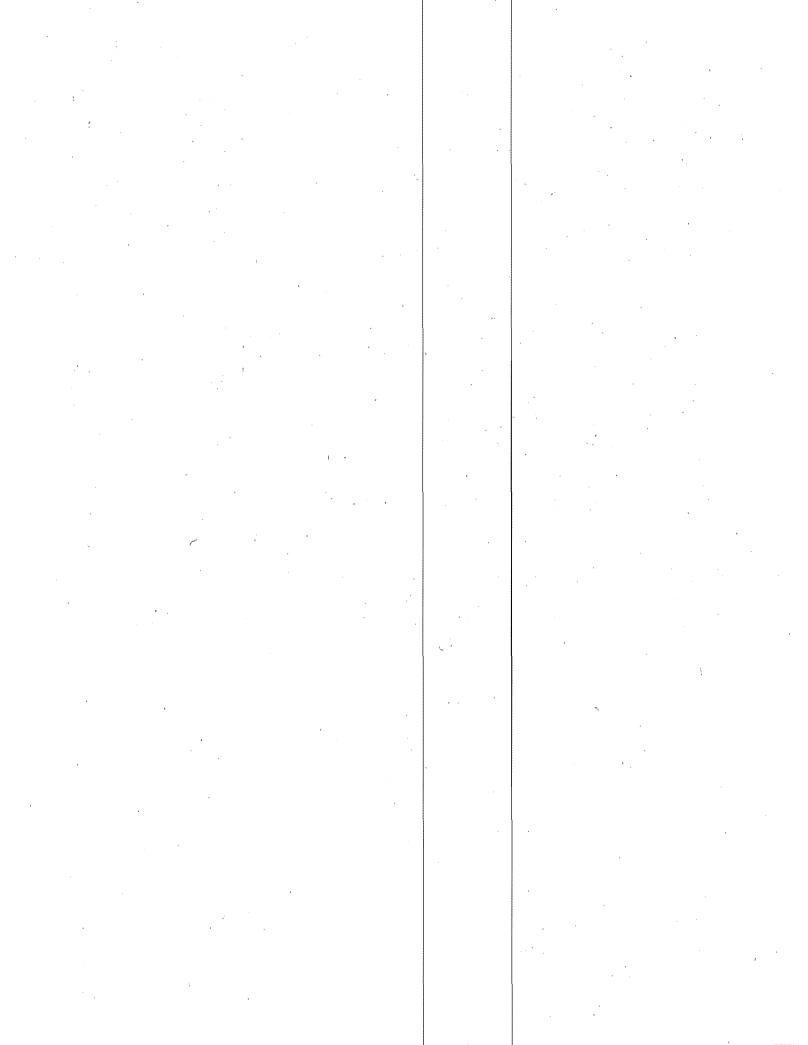
Lab ID: C133003-02

Station ID: F

Matrix: Air

Date Collected: 6/25/13 9:10

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C45 Number	Aduline	Results - Qualifiers	L'nis	MRL Prepared	Analyzed	Methids
25429-29-2	Pentachlorobiphenyl (Total)	0.30	ng/m3 0	00027 7/03/13	7/17/13	Contract SOW
R4-8001026	TEQ (Avian Toxic, Equiv. for PCBs, WHO TEQ-98)	0.00016	ng/m3	7/03/13	7/17/13	Contract SOW
R4-8001027	TEQ (Fish Toxic Equiv. for PCBs, WHO TEQ-98)	1.9E-6	ing/m3	7/03/13	7/17/13	Contract SOW
R4-8000909	TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05)	3.7E-5	ng/m3	7/03/13	7/17/13	Contract SOW
26914-33-0	Tetrachilorobiphenyl (Total)	0.71		00027 - 7/03/13	7/17/13	Contract SOW
1336-36-3	Total PCBs	3.0	ng/m3 ()	.00027 7/03/13	7/17/13	Contract SOW
25323-68-6	Trichlorobiphenyl (Total)	0.97	ng/m3 0	.00027 7/03/13	7/17/13	Contract SOW





Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062613

Station ID: <u>F</u>

Lab ID: <u>C133003-03</u>

Matrix: Air

Date Collected: 6/26/13 9:22

CAS S	Analyte	Results Qualifiers	Units	MRL	Prepared.	Anatyzed	Method
25512-42-9	Dichlorobiphenyl (Total)	1.3	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
28655-71-2	Heptachlorobiphenyl (Total)	0.033	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
26601-64-9	Hexachlorobipherryl (Total)	0.14	ng/m3	0:00026	7/03/13	AUTOTOS TOS COMEDICAS	Contract SOW
27323-18-8	Monochlorobiphenyl (Total)	0.19	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
53742-07-7	Nonachlörobiphenyl (Total)	0.0018	ng/m3 /	0.00026	7/03/13	7/17/13	Contract SOW
55722-26-4	Octachlorobiphenyl (Total)	0.0069	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
2051-60-7	PCB Congener # 1	0.16	- a ng/m3	0.00064	7/03/13	7/17/13	Contract SOW
2051-61-8	PCB Congener # 2	0.0053	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
2051-62-9	PCB Congener # 3	0.022	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
13029-08-8	PCB Congener # 4	0.50	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
16605-91-7	PCB Congener # 5	0.0094	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
25569-80-6	PCB Congener # 6	0.10	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
33284-50-3	PCB Congener # 7	0.031	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
34883-43-7	PCB Congener # 8	0.46	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
34883-39-1	PCB Congener # 9	0.037	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
33146-45-1	PCB Congener # 10	0.017	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
2050-67-1	PCB:Congener # 11	0.068 U, B-4 = 1	ng/m3	0.0064	7/03/13	7/17/13	Contract SOW
R4-8000863	PCB Congener # 12 and/or 13	0.017	ng/m3	0.0010	7/03/13	7/17/13	Contract SOW
34883-41-5	PCB Congener # 14	0:00051 U	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
2050-68-2	PCB Congener # 15	0.12	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
38444-78-9	PCB Congener # 16	0.15	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
37680-66-3	PCB Congener # 17	0.17	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
R4-8000864	PCB Congener # 18 and/or 30	0:33	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW 👵 👬
38444-73-4	PCB Congener # 19	0.10	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
R4-8000865	PCB Congener # 20 and/or 28	0.26	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
R4-8000866	PCB Congener # 21 and/or 33	0.16	ng/m3	0.0010	7/03/13	7/17/13	Contract SOW
38444-85-8	PCB Congener # 22	0.095	ng/m3	0:00051	7/03/13	7/17/13	Contract SOW
55720-44-0	PCB Congener # 23	. 0.00051	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062613

Station ID: F

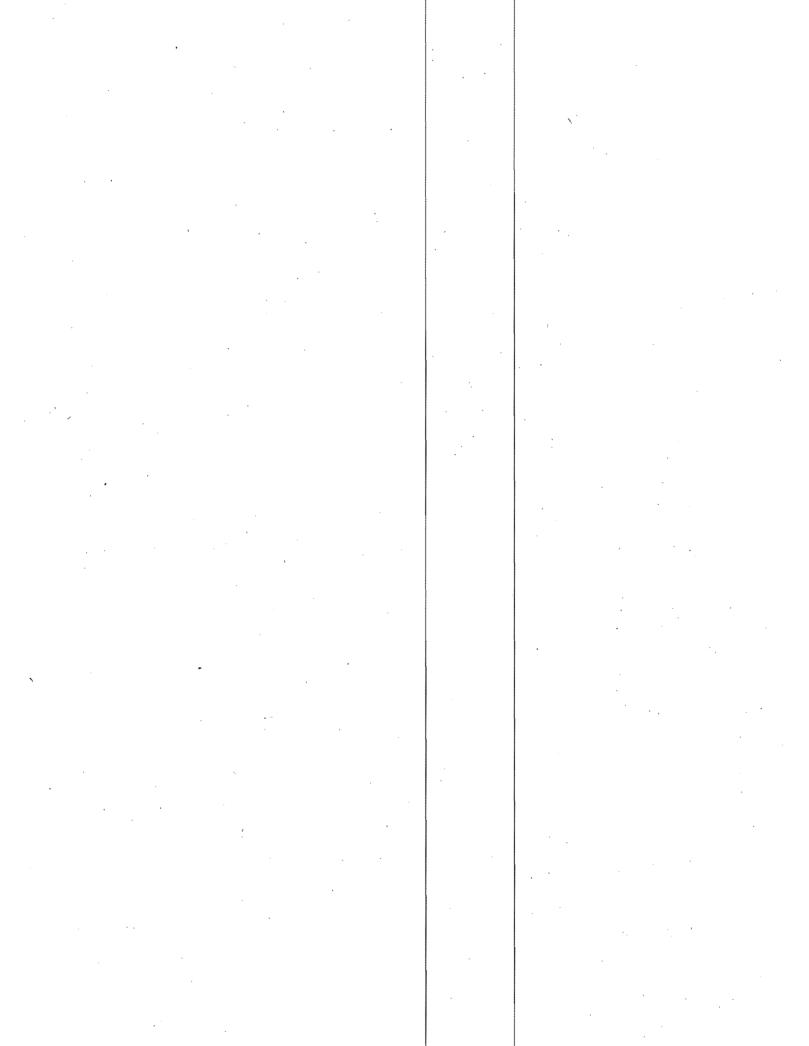
Lab ID: C133003-03

Matrix: Air

Date Collected: 6/26/13 9:22

Name	C4S	ected: 6/26/13 9:22						
55712-37-3 PCB Congener # 25 0.025 ng/m3 0.00026 70313 717/13 Contract SOW 184.8001867 PCB Congener # 26 nat/or 29 0.052 ng/m3 0.00026 70313 717/13 Contract SOW 184.4001867 PCB Congener # 27 0.025 ng/m3 0.00026 70313 717/13 Contract SOW 184.44-77-8 PCB Congener # 31 0.024 ng/m3 0.00026 70313 717/13 Contract SOW 184.44-77-8 PCB Congener # 32 0.076 ng/m3 0.00026 70313 717/13 Contract SOW 184.44-77-8 PCB Congener # 34 0.0011 ng/m3 0.00026 70313 717/13 Contract SOW 17680-6515 PCB Congener # 34 0.0011 ng/m3 0.00026 70313 717/13 Contract SOW 17680-6515 PCB Congener # 35 0.0028 ng/m3 0.00051 70313 717/13 Contract SOW 184.48-70 PCB Congener # 37 0.039 ng/m3 0.00051 70313 717/13 Contract SOW 184.48-70 PCB Congener # 38 0.00026 U ng/m3 0.00051 70313 717/13 Contract SOW 184.48-801051 PCB Congener # 39 0.00051 U ng/m3 0.00051 70313 717/13 Contract SOW 184.48-801051 PCB Congener # 41 0.013 ng/m3 0.00051 70313 717/13 Contract SOW 186.59-99 PCB Congener # 42 0.0007 Ng/m3 0.00051 70313 717/13 Contract SOW 186.59-99 PCB Congener # 43 0.0007 Ng/m3 0.00051 70313 717/13 Contract SOW 186.59-99 PCB Congener # 43 0.0007 Ng/m3 0.00051 70313 717/13 Contract SOW 186.59-99 PCB Congener # 44 and/or 71 Ng/m3 0.0005 Ng/m3 0.00051 70313 717/13 Contract SOW 186.59-99 PCB Congener # 44 and/or 71 Ng/m3 0.0005 Ng/m3 0.00051 70313 717/13 Contract SOW 186.59-99 PCB Congener # 45 nd/or 51 0.038 ng/m3 0.00051 70313 717/13 Contract SOW 186.50-99 PCB Congener # 45 nd/or 51 0.038 ng/m3 0.00051 70313 717/13 Contract SOW 186.50-99 PCB Congener # 45 nd/or 51 0.038 ng/m3 0.00051 70313 717/13 Contract SOW 186.50-99 PCB Congener # 45 nd/or 51 0.038 ng/m3 0.00051 70313 717/13 Contract SOW 186.50-99 PCB Congener # 45 nd/or 51 0.038 ng/m3 0.00051 70313 717/13 Contract SOW 186.50-99 PCB Congener # 45 nd/or 51 0.038 ng/m3 0.00051 70313 717/13 Contract SOW 186.50-99 PCB Congener # 45 nd/or 51 0.038 ng/m3 0.00051 70313 717/13 Contract SOW 186.50-99 PCB Congener # 54 0.000 ng/m3 0.00051 70313 717/13 Contract SOW 186.50-99 PCB Congener # 54 0.000 ng/m3 0.00051 70313		Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4.8000867 PCB Congener # 26 and/or 29 # 1 0.052 ng/m3 0.00051	55702-45-9	PCB Congener # 24	0.0051	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
38444-76-7         PCB Congener # 27         0.025         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           16606-02-3         PCB Congener # 31         0.24         19/m3         0.0013         7/07/13         Contract SOW           38444-77-8         PCB Congener # 32         0.076         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           37680-65-5         PCB Congener # 35         0.0028         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           38444-970         PCB Congener # 36         0.00051 U         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           38444-90-5         PCB Congener # 37         0.039         ng/m3         0.0005         7/03/13         7/17/13         Contract SOW           38444-88-1         PCB Congener # 39         0.00051 U         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           38459-99-9-9-9-9-0-10-10-10-10-10-10-10-10-10-10-10-10-1	55712-37-3	PCB Congener # 25	0.025	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
1666 02-3   PCB Congener # 31	R4-8000867	PCB Congener # 26 and/or 29	0:052	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
198444-77-8   PCB Congener # 32   0.076   ng/m3   0.0026   703/13   717/13   Contract SOW     1980-681-51   PCB Congener # 35   0.0028   ng/m3   0.00051   703/13   717/13   Contract SOW     1984-487/0   PCB Congener # 35   0.0028   ng/m3   0.00051   703/13   717/13   Contract SOW     1984-487/0   PCB Congener # 36   0.00061   0.00051   0.00051   703/13   717/13   Contract SOW     1984-487/0   PCB Congener # 37   0.039   ng/m3   0.00026   703/13   717/13   Contract SOW     1984-48-10   PCB Congener # 38   0.00026   0.00051   ng/m3   0.00026   703/13   717/13   Contract SOW     1984-48-11   PCB Congener # 39   0.00051   ng/m3   0.00051   703/13   717/13   Contract SOW     1984-48-12   PCB Congener # 40 and/or 71   0.053   ng/m3   0.00026   703/13   717/13   Contract SOW     1986-35-9   PCB Congener # 41   0.013   ng/m3   0.00026   703/13   717/13   Contract SOW     1986-35-9   PCB Congener # 42   0.044   ng/m3   0.00026   703/13   717/13   Contract SOW     1986-36-9   PCB Congener # 43   0.0067   ng/m3   0.00026   703/13   717/13   Contract SOW     1986-36-9   PCB Congener # 44   0.013   ng/m3   0.00026   703/13   717/13   Contract SOW     1986-36-9   PCB Congener # 44   0.013   ng/m3   0.00026   703/13   717/13   Contract SOW     1986-36-9   PCB Congener # 44   0.016   ng/m3   0.00026   703/13   717/13   Contract SOW     1986-36-9   PCB Congener # 44   0.016   ng/m3   0.00026   703/13   717/13   Contract SOW     1986-36-9   PCB Congener # 45   0.011   ng/m3   0.00026   703/13   717/13   Contract SOW     1986-36-9   PCB Congener # 45   0.011   ng/m3   0.00026   703/13   717/13   Contract SOW     1986-36-9   PCB Congener # 49   0.021   ng/m3   0.00026   703/13   717/13   Contract SOW     1986-36-9   PCB Congener # 50   0.0028   ng/m3   0.00026   703/13   717/13   Contract SOW     1986-36-9   PCB Congener # 50   0.0028   ng/m3   0.00026   703/13   717/13   Contract SOW     1986-36-9   PCB Congener # 50   0.0028   ng/m3   0.00026   703/13   717/13   Contract SOW     1986-36-9   PCB Congener # 56   0.0021   ng/m3	38444-76-7	PCB Congener # 27	0.025	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
37680-68-5         PCB Congener # 34         0.0011         ng/m3         0.0026         703/13         717/13         Contract SOW           37680-69-6         PCB Congener # 35         0.0028         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           38444-87/0         PCB Congener # 36         0.00051 U         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           38444-90-5         PCB Congener # 38         0.00026 U         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           38444-88-1         PCB Congener # 39         0.00051 U         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           84-8001051         PCB Congener # 41         0.013         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           36559-22.5         PCB Congener # 42         0.044         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           70362-46-8         PCB Congener # 45 and/or 51         0.16         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           84-8000870         PCB Congener # 45         0.01         ng/m3         0.00051         7/03/13	16606-02-3	PCB Congener#31	0.24	ng/m3	0.0013	7/03/13	7/17/13	Contract SOW
37680-69-6   PCB Congenet # 35   0.0028   ng/m3   0.0061   7/03/13   7/17/13   Contract SOW	38444-77-8	PCB Congener # 32	0.076	ng/m3	0.00026	7/03/13	. 7/17/13	Contract SOW
38444-870 PCB Congener # 36 0.00051 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 38444-90-5 PCB Congener # 37 0.039 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 53555-66-1 PCB Congener # 38 0.00026 U ng/m3 0.00051 7/03/13 7/17/13 Contract SOW 38444-88-1 PCB Congener # 39 0.00051 U ng/m3 0.00051 7/03/13 7/17/13 Contract SOW 74-8001051 PCB Congener # 40 and/or 71 0.053 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW 52663-59-9 PCB Congener # 41 0.013 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 70362-46-8 PCB Congener # 42 0.0044 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW 70362-46-8 PCB Congener # 43 0.0067 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW 70362-46-8 PCB Congener # 44 and/or 47/65; 0-16 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW 70362-47-9 PCB Congener # 45 and/or 47/65; 0-16 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW 70362-47-9 PCB Congener # 48 0.031 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW 70362-47-9 PCB Congener # 48 0.031 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 70362-47-9 PCB Congener # 49 und/or 69 0.12 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW 70362-47-9 PCB Congener # 49 und/or 69 0.12 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW 7438-74-9 PCB Congener # 50 and/or 53 0.028 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW 7438-74-9 PCB Congener # 50 and/or 53 0.028 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW 7438-74-2 PCB Congener # 50 and/or 53 0.028 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW 7438-74-2 PCB Congener # 50 and/or 53 0.028 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW 7438-74-2 PCB Congener # 54 0.0021 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 7438-74-2 PCB Congener # 50 and/or 53 0.028 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 7438-74-2 PCB Congener # 50 0.00086 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 7438-74-2 PCB Congener # 50 0.00086 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 7448-67-8 PCB Congener # 50 0.00086 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03	37680-68-5	PCB Congener # 34	0.0011	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
38444-90-5         PCB Congener # 37         0.039         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           33555-66-1         PCB Congener # 38         0.00026 U         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           38444-88-1         PCB Congener # 39         0.00051 U         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           84-8001051         PCB Congener # 40         and/or 7/14         0.053         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           52663-59-9         PCB Congener # 41         0.013         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           36559-22-5         PCB Congener # 42         0.044         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           70362-46-8         PCB Congener # 43         0.0067         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           R4-800869         PCB Congener # 44 and/or 47,65         0.16         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           R4-800870         PCB Congener # 45 and/or 51         0.038         ng/m3	37680-69-6	PCB Congener # 35	0.0028	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
53555-66-1         PCB Congener # 38         0.00026 U         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           38444-88-1         PCB Congener # 39         0.00051 U         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           R4-8001051         PCB Congener # 40 and/or 71         0.053         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           52663-59-9         PCB Congener # 41         0.013         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           76559-22-5         PCB Congener # 42         -0.044         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           70362-46-8         PCB Congener # 43         0.0067         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           R4-800869         PCB Congener # 44 and/or 47/65         0.16         ng/m3         0.00077         7/03/13         7/17/13         Contract SOW           R4-800870         PCB Congener # 45 and/or 51         0.038         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           70362-47-9         PCB Congener # 48         0.011         ng/m3         0.00026 <td>38444-87-0</td> <td>PCB Congener # 36</td> <td>0.00051 U</td> <td>ng/m3</td> <td>0.00051</td> <td>7/03/13</td> <td>7/17/13</td> <td>Contract SOW</td>	38444-87-0	PCB Congener # 36	0.00051 U	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
38444-88-1         PCB Congener # 39         0.00051 U         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           R4-8001051         PCB Congener # 40 and/or 71         0.053         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           52663-59-9         PCB Congener # 41         0.013         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           36559-22.5         PCB Congener # 42         0.044         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           70362-46-8         PCB Congener # 43         0.0067         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           R4 8000869         PCB Congener # 44 and/or 47/65         0.16         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           R4-8000870         PCB Congener # 45 and/or 51         0.038         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           70362-47-9         PCB Congener # 48         0.031         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           R4-8000871         PCB Congener # 49 and/or 69         0.12         ng/m3         0.00	38444-90-5	PCB Congener # 37	0.039	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
R4-8001051 PCB Congener # 40 and/or 71 0.053	53555-66-1	PCB Congener # 38	。	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
52663-59-9         PCB Congener # 41         0.013         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           36559-22.5         PCB Congener # 42         0.044         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           70362-46-8         PCB Congener # 43         0.0067         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           R4 8000869         PCB Congener # 44 and/or 47/65         0.16         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           R4-8000870         PCB Congener # 45 and/or 51         0.038         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           41464-47-5         PCB Congener # 46         0.011         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           R4-8000871         PCB Congener # 48         0.031         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           R4-8000872         PCB Congener # 50 and/or 53         0.028         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           R4-800872         PCB Congener # 50         0.022         ng/m3         0.00026	38444-88-1	PCB Congener # 39	0.00051 U	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
36559-22.5 PCB Congener # 42 0.044 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 70362-46-8 PCB Congener # 43 0.0067 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW R4:8000869 PCB Congener # 44 and/or 47:65 0.16 ng/m3 0.00077 7/03/13 7/17/13 Contract SOW R4-8000870 PCB Congener # 45 and/or 51 0.038 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW 70362-47-9 PCB Congener # 46 0.011 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 70362-47-9 PCB Congener # 48 0.031 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW R4-8000871 PCB Congener # 49 and/or 69 0.12 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW R4-8000872 PCB Congener # 50 and/or 53 0.028 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW 35693-99-3 PCB Congener # 54 0.0021 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 15968-05-5 PCB Congener # 54 0.0021 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 74338-24-2 PCB Congener # 55 0.00086 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 1464-43-1 PCB Congener # 56 0.022 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW	R4-8001051	PCB Congener # 40 and/or 71	0.053	ng/m3	0.00051.	7/03/13	7/17/13	Contract SOW
70362-46-8         PCB Congener # 43         0.0067         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           R4-8000869         PCB Congener # 44 and/or 47,65         0.16         ng/m3         0.00077         7/03/13         7/17/13         Contract SOW           R4-8000870         PCB Congener # 45 and/or 51         0.038         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           41464-47-5         PCB Congener # 46         0.011         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           70362-47-9         PCB Congener # 48         0.031         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           R4-8000871         PCB Congener # 49 and/or 69         0.12         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           R4-8000872         PCB Congener # 50 and/or 53         0.028         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           15968-05-5         PCB Congener # 54         0.0021         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           74318-24-2         PCB Congener # 55         0.00086         ng/m3         0.000	52663-59-9	PCB Congener # 41	0.013	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
R4-800869 PCB Congener # 44 and/or 47:65; 0.16 ng/m3 0.00077 7/03/13; 7/17/13 Contract SOW  R4-800870 PCB Congener # 45 and/or 51 0.038 ng/m3 0.00051 7/03/13; 7/17/13 Contract SOW  41464-47:5 PCB Congener # 46 0.011 ng/m3 0.00026; 7/03/13; 7/17/13 Contract SOW  70362-47-9 PCB Congener # 48 0.031 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW  R4-8000871 PCB Congener # 49 and/or 69 0.12 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW  R4-8000872 PCB Congener # 50 and/or 53 0.028 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW  35693-99-3a PCB Congener # 52 0.20 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW  15968-05-5 PCB Congener # 54 0.0021 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW  41464-43-1 PCB Congener # 55 0.00086 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW  70424:67-8 PCB Congener # 57 0.00043 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW  70424:67-8 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW	36559-22-5	PCB Congener # 42	0.044	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
R4-8000870 PCB Congener # 45 and/or 51 0.038 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW 41464-47-5 PCB Congener # 46 0.011 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 70362-47-9 PCB Congener # 48 0.031 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW R4-8000871 PCB Congener # 49 and/or 69 0.12' ng/m3 0.00051 7/03/13 7/17/13 Contract SOW R4-8000872 PCB Congener # 50 and/or 53 0.028 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW 35693-99-3 PCB Congener # 52 0.20 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 15968-05-5 PCB Congener # 54 0.0021 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 74338-24-2 PCB Congener # 55 0.00086 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 1464-43-1 PCB Congener # 56 0.022 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 57 0.00043 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 1464-49-7 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 1464-49-7 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 1464-49-7 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 1464-49-7 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 1464-49-7 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 1464-49-7 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 1464-49-7 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 1464-49-7 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 1464-49-7 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 1464-49-7 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW	70362-46-8	PCB Congener # 43	0.0067	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
41464-47-5         PCB Congener # 46         0.011         ng/m3         0.00026         7/03/131         7/17/13         Contract SOW           70362-47-9         PCB Congener # 48         0.031         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           R4-8000871         PCB Congener # 49 and/or 69         0.12         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           R4-8000872         PCB Congener # 50 and/or 53         0.028         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           35693-99-3         PCB Congener #,52         0.20         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           15968-05-5         PCB Congener # 54         0.0021         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           74338-24-2         PCB Congener # 55         0.00086         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           70424-67-8         PCB Congener # 57         0.00043         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           41464-49-7         PCB Congener # 58         0.00026 U         ng/m3         0.00026         <	R4-8000869	PCB Congener.# 44 and/or 47,65	0.16	ng/m3	0.00077	7/03/13	7/17/13	Contract SOW
70362-47-9         PCB Congener # 48         0.031         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           R4-8000871         PCB Congener # 49 and/or 69         0.12         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           R4-8000872         PCB Congener # 50 and/or 53         0.028         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           35693-99-3         PCB Congener # 52         0.20         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           15968-05-5         PCB Congener # 54         0.0021         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           74338-24-2         PCB Congener # 55         0.00086         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           41464-43-1         PCB Congener # 56         0.022         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           70424-67-8         PCB Congener # 57         0.00043         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           41464-49-7         PCB Congener # 58         0.00026 U         ng/m3         0.00026 <t< td=""><td>R4-8000870</td><td>PCB Congener # 45 and/or 51</td><td>0.038</td><td>ng/m3</td><td>0.00051</td><td>7/03/13</td><td>7/17/13</td><td>Contract SOW</td></t<>	R4-8000870	PCB Congener # 45 and/or 51	0.038	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
R4-8000871         PCB Congener # 49 and/or 69         0.12         ng/m3         0.00051         7/03/13         7/17/B3         Contract SOW           R4-8000872         PCB Congener # 50 and/or 53         0.028         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           35693-99-3         PCB Congener # 52         0.20         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           15968-05-5         PCB Congener # 54         0.0021         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           74338-24-2         PCB Congener # 55         0.00086         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           41464-43-1         PCB Congener # 56         0.022         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           70424-67-8         PCB Congener # 57         0.00043         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           41464-49-7         PCB Congener # 58         0.00026 U         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW	41464-47-5	PCB Congener # 46	0.011	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
R4-8000872 PCB Congener # 50 and/or 53 0.028 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW 35693-99-3 PCB Congener # 52 0.20 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 15968-05-5 PCB Congener # 54 0.0021 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 74338-24-2 PCB Congener # 55 0.00086 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 1464-43-1 PCB Congener # 56 0.022 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 57 0.00043 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 1464-49-7 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 1464-49-7 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW	70362-47-9	PCB Congener # 48	0.031	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
35693-99-3 PCB Congener #52 0.20 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 1. 15968-05-5 PCB Congener # 54 0.0021 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 74338-24-2 PCB Congener # 55 0.00086 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 41464-43-1 PCB Congener # 56 0.022 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 57 0.00043 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 41464-49-7 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW	R4-8000871	PCB Congener # 49 and/or 69	0.12	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
15968-05-5         PCB Congener # 54         0.0021         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           74338-24-2         PGB Congener # 55         0.00086         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           41464-43-1         PCB Congener # 56         0.022         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           70424-67-8         PCB Congener # 57         0.00043         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           41464-49-7         PCB Congener # 58         0.00026 U         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW	R4-8000872	PCB Congener # 50 and/or 53	0.028	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
74338-24-2         PEB Congener # 55         0.00086         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           41464-43-1         PCB Congener # 56         0.022         ng/m3         0.00051         7/03/13         7/17/13         Contract SOW           70424-67-8         PCB Congener # 57         0.00043         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW           41464-49-7         PCB Congener # 58         0.00026         U         ng/m3         0.00026         7/03/13         7/17/13         Contract SOW	35693-99-3	PCB Congener #:52	0.20	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
41464-43-1 PCB Congener # 56 0.022 ng/m3 0.00051 7/03/13 7/17/13 Contract SOW 7/0424-67-8 PCB Congener # 57 0/00043 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 14464-49-7 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW	15968-05-5	PCB Congener # 54	0.0021	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
70424-67-8 PCB Congener # 57 0.00043 ng/m3 0.00026 7/03/13 7/17/13 Contract SOW 14464-49-7 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW	74338-24-2	PCB Congener # 55	<b>#0.00086</b>	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
41464-49-7 PCB Congener # 58 0.00026 U ng/m3 0.00026 7/03/13 7/17/13 Contract SOW	41464-43-1	PCB Congener # 56	0.022	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
	70424-67-8	PCB Congener #,57	0.00043	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
R4-8000873 PCB Congener, # 59 and/or 62,75 0.013 ng/m3 0.00077 7/03/13 7/17/13 Contract SOW	41464-49-7	PCB Congener # 58	0.00026 U	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
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C133003 PCBA FINAL 08 07 13 0845





Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB Aroclors**

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062613

Station ID: E

Lab ID: C133003-03

Matrix: Air

Date Collected: 6/26/13 9:22

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CAS Number	Analyse	Results Qualifiers	Units	MRL	Prepared	Analyzed	Methini
33025-41-1	PCB Congener # 60 Wks	0.012	ng/m3	0:00051	7/03/13	7/17/13	Contract SOW
R4-8000874	PCB Congener # 61 and/or 70,74,76	0.092	ng/m3	0.0010	7/03/13	7/17/13	Contract SOW
74472-34-7	PCB Congener # 63	0.0028	= _ng/m3≨ = °	0:00064	41-7/03/13	7/17/13	Contract SOW .
52663-58-8	PCB Congener # 64	0.059	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
32598-10-0	PCB Congener # 66	0.0567	ng/m3	0.00064	7/03/13	7/17/13	Contract SOW
73575-53-8	PCB Congener # 67	. 0.0020	. ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
73575-52-7	PCB Congener # 68	0.0012	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
41464-42-0	PCB Congener # 72	0.00095	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
74338-23-1	PCB:Congener# 73	0.00026 U.† /	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
32598-13-3	PCB Congener # 77	0.0030	. ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
70362-49-1	PCB Congener # 78	0:00026 U J	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
41464-48-6	PCB Congener # 79	0.00051 U	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
33284-52-5	PCB Congener # 80	0:00051 U	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
70362-50-4	PGB Congener # 81	0.00026 U	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
52663-62-4	PCB Congener # 82	0.0049	ng/m3	0.00064	7/03/13	7/17/13	Contract SOW
60145-20-2	PCB Congener # 83	0.0025	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
52663-60-2	PCB Congener # 84	70.017	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
R4-8000876	PCB Congener # 85 and/or 116,117	0.010	ng/m3	0.00077	7/03/13	7/17/13	Contract SOW
E52450707	PCB Congener # 86 and/or	0.036	,ng/m3	0.0015	7/03/13	7/17/13	Contract SOW
DA 0000070	87,97,109,119,125	0.012	n a /m 3	0.00061	<b>3</b> 100110	20202	0
R4-8000878	PCB Congener # 88 and/or 91	0.012	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
73575-57-2	PCB Congener # 89	0:00091	ng/m3 (	0.00026	7/03/13	7/17/13	Contract SOW
R4-8000879	PCB Congener # 90 and/or 101,113	0.066	ng/m3	0.00077	7/03/13	7/17/13	Contract SOW
52663-61-3	PCB Congener # 92	0.013	ng/m3	0.00026	7/03/13	7/17/13	Contract/SOWs
R4-8001052	PCB Congener # 93 and/or 100	0.0010	ng/m3	·0.00051	7/03/13	7/17/13	Contract SOW
73575-55-0	PCB Congener # 94	0.00075	ng/m3	0.00026"	7/03/13	. Medical management	Contract SOW:
38379-99-6	PCB Congener # 95	0.064	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
73575-54-9	PCB Congener # 96	0.0010	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
R4-8001056	PCB Congener # 98 and/or 102	0.0032	ng/m3	0.00051	7/03/13	· 7/17/13	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062613

Lab ID: <u>C133003-03</u>

Station ID:  $\underline{\mathbf{F}}$ 

Matrix: Air

Date Collected: 6/26/13 9:22

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CAS Number	Analyte ;	Results Qualifiers	Units	MRL	Prepared :	Analyzed	Method 2
38380-01-7	PCB Congener # 99	0.030 J. CLP33	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
60145-21-3	PCB Congener #103	0.00082	ng/m3	0.00064	7/03/13	7/17/13	Contract SOW
56558-16-8	PCB Congener #104	0.00026 U	ng/m3	0.00026	7/03/13	7/17/13	Contract/SOW: 12 1
32598-14-4	PCB Congener #105	0.0092	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
70424-69-0	PCB Congener #106	0.00026 Ü	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
70424-68-9	PCB Congener #107	0.0021	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
R4-8001053	PCB Congener #108 and/or 124	0.0012	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW/
R4-8000882	PCB Congener #110 and/or 115	0.050	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
39635-32-0	PCB Congener #111	0.00026, U	ng/m3	0.00026	.7/03/13	7/17/13	Contract SOW
74472-36-9	PCB Congener #112	0.00026 U	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
74472-37-0	PCB Congener #114	0.00063	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
31508-00-6	PCB Congener #118	0.025	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
68194-12-7	PCB Congener #120	0.00026 U	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
56558-18-0	PCB Congener #121	0.00026 U	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
76842-07-4	PCB Congener #122	0.00032	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW -
65510-44-3	PCB Congener #123	0.00054	ng/m3	0:00026	7/03/13	7/17/13	Contract SOW
57465-28-8	PCB Congener #126	0.00026 U	ng/m3,	0.00026	7/03/13	7/17/13	Contract SOW
39635-33-1	PCB Congener #127	0.00026 U	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
R4-8000883	PCB Congener #128 and/or 166	0.0021	ng/m3	0.00051	. 7/03/13	7/17/13	Contract SOW
R4-8001054	PCB Congener #129 and/or 138,163	0.023	ng/m3	0.00077	7/03/13	7/17/13	Contract SOW
52663-66-8	PCB Congener #130	0.0013	ng/m3	0:00026	7/03/13	-7/17/13	Contract SOW =
61798-70-7	PCB Congener #131	0.00044	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
38380-05-1	PCB Congener #132	0.010	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW.
35694-04-3	PCB Congener #133	0.00051	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
52704-70-8	PCB Congener #134	0.0020	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW :
R4-8001055	PCB Congener #135 and/or 151	0.016	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
38411-22-2	PCB Congener #136	0.0063	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
35694-06-5	PCB Congener #137	0.0011	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
R4-8000887	PCB Congener #139 and/or 140	0.00060	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW -

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062613

Station ID: **F** 

Lab ID: <u>C133003-03</u>

Matrix: Air

Date Collected: 6/26/13 9:22

Date Coll	ected: 6/26/13 9:22						
C4S Number	Analyte	Results Qualifiers	Units	MRL	Propared	Analyzed	Method
52712-04-6	PCB Congener #141	0.0047	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
41411-61-4	PCB Congener #142	0.00026 U	* ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
68194-15-0	PCB Congener #143		ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
68194-14-9	PCB Congener #144	0.0014	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
74472-40-5	PCB Congener #145	0.00026 U	ng/ <b>m</b> 3	0.00026	7/03/13	7/17/13	Contract SOW
51908-16-8	PCB Congener #146	0.0044	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
R4-8000888	PCB Congener #147 and/or 149	0.032	ng/m3	0.0010	7/03/13	7/17/13	Contract SOW
74472-41-6	PCB Congener #148	0.00026 U	ng/ <b>m</b> 3	0.00026	7/03/13	7/17/13	Contract SOW
68194-08-1	PCB Congener #150	0.00026 U	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
68194-09-2	PCB Congener #152	0.00026 U	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
R4-8000889	PCB Congener #153 and/or 168	0.025	ng/m3	0.0010	7/03/13	7/17/13	Contract SOW
60145-22-4	PCB Congener #154	0.00046	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
33979-03-2	PCB Congener #155	0.00026 U	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
R4-8000890	PCB Congener #156 and/or 157	0.0014	ng/m3	0.00051	7/03/13	. 7/17/13	Contract SOW
74472-42-7	PCB Congener #158	0.0020	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
39635-35-3	PCB Congener #159	0.00026 U	ng/m3	0.00026	7/03/13	. 7/17/13	Contract SOW
41411-62-5	PCB Congener #160	0.00026 ⊎	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
74472-43-8	PCB Congener #161	0.00026 U	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
39635-34-2	PCB Congener, #162	0.00026*U	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
74472-45-0	PCB Congener #164	. 0.0013	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
74472-46-1	PCB Congener #165	0.00026 U	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
52663-72-6	PCB Congener #167	0.00055	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
32 <b>774-</b> 16-6	PCB Congener #169	0.00026 U	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
35065-30-6	PCB Congener #170	0.0014	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
R4-8000891	PCB Congener #171 and/or 173	0.00086	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
52663-74-8	PCB Congener #172	0.00046	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
38411-25-5	PCB Congener #174	0:0040	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW-
40186-70-7	PCB Congener #175	0.00026 U	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
52663-65-7	PCB Congener #176	0.00092	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
12-20-20-20-20-20-20-20-20-20-20-20-20-20			TO TOWN THE PERSON NAMED IN COLUMN TO SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERVICE AND SERV				

C133003 PCBA FINAL 08 07 13 0845 8/7/13 8:45 Page 24 of 68



Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB Aroclors**

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062613

Station ID: <u>F</u>

Date Collected: 6/26/13 9:22

Lab ID: C133003-03

Matrix: Air

. Date Colle	ected: 6/26/13 9:22	A STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STA	(100 to 100 to	N.O. S. De Borne	director to 1 years		
CAS Number	Analyte	Results: Qualifiers	Units	MRL	Prepared	Analyzed	Method
52663-70-4	PCB Congener #177	0.0021	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
52663-67-9	PCB Congener #178	0.0016	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
52663-64-6	PCB Congener #179	- 0.0042	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
R4-8000892	PCB Congener #180 and/or 193	0.0051	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
74472-47-2	PCB Congener #181	0.00026 U	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
60145-23-5	PCB Congener #182	0.00026 U	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
R4-8000893	PCB Congener #183 and/or 185	0.0035	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
74472-48-3	PCB Congener #184	0.00026 U	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
74472-49-4	PCB Congener #186	0.00026	ng/m3 😘	0.00026	7/03/13	7/17/13	Contract SOW
52663-68-0	PCB Congener #187	0.0084	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
74487-85-7	PCB Congener #188	0.00026 U	ng/m3	0.00026	7/03/13	7/17/15	Contract SOW
39635-31-9	PCB Congener #189	0.00026 U	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
41411-64-7	PCB Congener #190	0.00031	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
74472-50-7	PCB Congener #191	0.00026 U	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
74472-51-8	PCB Congener #192	0.00026 ∪	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
35694-08-7	PCB Congener #194	0.00053	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
52663-78-2	PCB Congener #195	0.00026 ∪	ng/ <b>m</b> 3	0.00026	7/03/13	7/17/13	Contract SOW
42740-50-1	PCB Congener #196	0.00057	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
R4-8000894	PCB Congener #197 and/or 200	0:00051 U	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
R4-8000895	PCB Congener #198 and/or 199	0.0022	ng/m3	0.00051	7/03/13	7/17/13	Contract SOW
40186-71-8	PCB Congener #201	0.00057	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
2136-99-4	PCB Congener #202	0.0019	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
52663-76-0	PCB Congener #203	0.0011	ng/m3	0:00026	7/03/13	7/17/13	Contract SOW
74472-52-9	PCB Congener #204	0.00026 U	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
74472-53-0	PCB Congener #205	0.00026 U	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
40186-72-9	PCB Congener #206	0.00081	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
52663-79-3	PCB Congener #207	0.00026 U	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
52663-77-1	PCB Congener #208	0.00098	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW
2051-24-3	PCB Congener #209	. 0.00072	ng/m3	0.00026	7/03/13	7/17/13	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB Aroclors**

Project: 13-0363, Anniston PCB Air Study

Sample ID: FAA062613

Station 1D: F

Lab ID: C133003-03

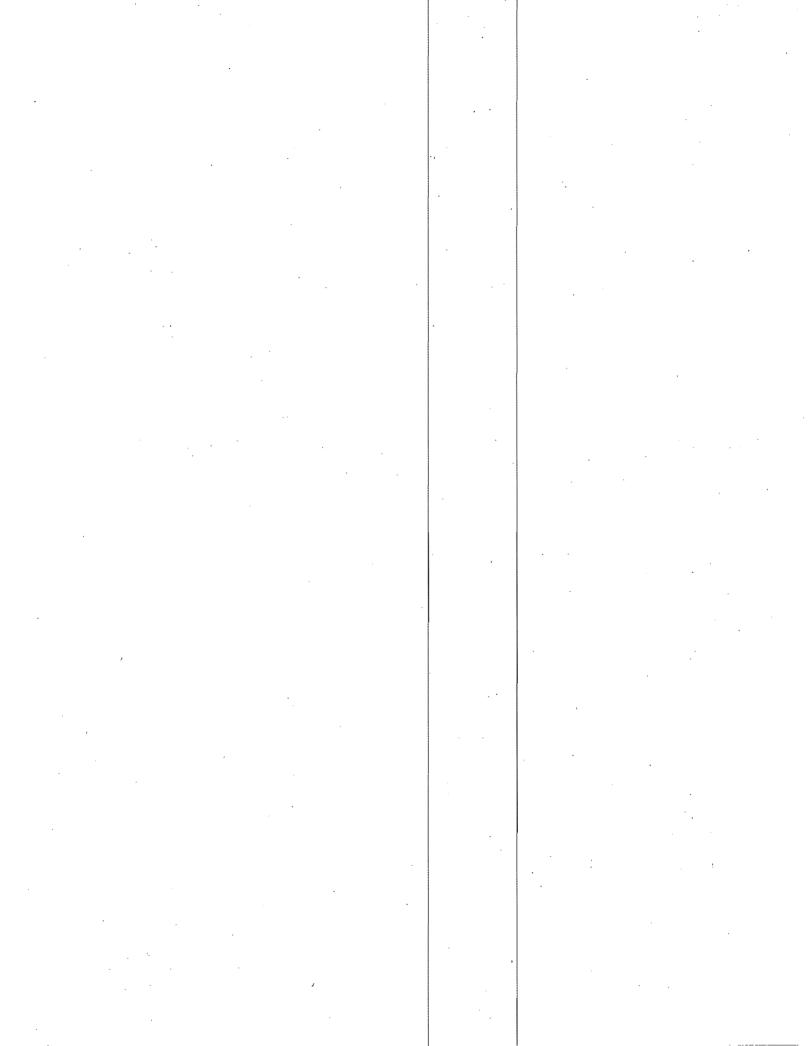
Matrix: Air

Date Collected: 6/26/13 9:22

Date Cone	ectea: 0/20/13 9:22					
CIS, Let		Part Control	The second second			
Number	Analyte Comments of the Commen	Results Qualifiers	Units	_ rrepureus	Annay sea	Method
25429-29-2	Pentachlorobiphenyl (Total)	0.35	ng/m3 0.0002	5 7/03/13	-7/17/13	Contract SOW
R4-8001026	TEQ (Avian Toxic. Equiv. for PCBs, WHO	0.00020	ng/m3	7/03/13	7/17/13	Contract SOW
	TEQ-98)			and the second second		Acceptance of the second
R4=8001027	TEQ (Fish Toxic Equiv for PCBs, WHO	1.9E-6	ng/m3	7/03/13	7/17/13	Contract SOW
	TEQ-98)					46
R4-8000909	TEQ (Mammalian Toxic. Equiv. for PCBs,	3.5E-5	ng/m3	7/03/13	7/17/13	Contract SOW
	WHO TEQ-05)				* ****************************	
26914-33-0	Tetrachlorobiphenyl (Total)	0.97	ng/m3 0.0002	5 7/03/13	7/17/13	Contract SOW
1336-36-3	Total PCBs	4.7	ng/m3 0.0002	5 7/03/13	7/17/13	Contract SOW
25323-68-6	Trichlorobiphenyl (Total).	1.7	ng/m3 0.0002	5 7/03/13	7/17/13	Contract SOW
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8/7/13 8:45





Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: IAA062513

Lab ID: C133003-04

Station ID: I

Matrix: Air

Date Collected: 6/25/13 10:04

C4S		Results Onalifiers	1	MRL Prepa	red temperals	Martiall
	Analyte	ACSHIO SQUARTIPES		100		179
25512-42-9	Dichlorobiphenyl (Total)	2.5	ng/m3	0:0012 7/03/	13 - 7/17/13	Contract SOW
28655-71-2	Heptachlorobiphenyl (Total)	0.013	ng/m3	0.0012 7/03/	13 7/17/13	Contract SOW
26601-64-9	Hexachlorobiphenyl (Total)	0.066	ng/m3	0.0012 7/03/	13 7/17/13	Contract SOW
27323-18-8	Monochlorobiphenyl (Total)	0.23	ng/m3	0.0012 7/03/	13 7/17/13	Contract SOW
53742-07-7	Nonachlorobiphenyl (Total)	0.0012.U	ng/m3-	0.0012 7/03/	13 7/17/13	Contract SOW
55722-26-4	Octachlorobiphenyl (Total)	0.0035	. ng/m3	0.0012 7/03/	13 7/17/13	Contract SOW
2051-60-7	* PCB Congener # 1	0.18	ng/m3	0:003-1 7/03/	13 7/17/13	Contract SOW
2051-61-8	PCB Congener # 2	0.011	ng/m3	0.0012 7/03/	13 7/17/13	Contract SOW
2051-62-9	PCB Congener # 3	0.036	ng/m3	0:0012 7/03/	13 7/17/13	Contract SOW
13029-08-8	PCB Congener # 4	0.95	ng/m3	0.0025 7/03/	13 7/17/13	Contract SOW
16605-91-7	PCB Congener # 5	*0.022	ng/m3	0.0025 7/03/	13 7/17/13	Contract SOW
25569-80-6	PCB Congener # 6	0.21	· ng/m3	0.0012 7/03/	7/17/13	Contract SOW
33284-50-3	PCB Congener # 7	0.073	ng/m3	0.0025 7/03	13 7/17/13	Contract SOW
34883-43-7	PCB Congener # 8	0.94	ng/m3	0.012 - 7/03/	/13 . 7/17/13	Contract SOW
34883-39-1	PCB Congener # 9	0.078	ng/m3	0.0012 7/03	13 7/17/13	Contract SOW
33146-45-1	PCB Congener # 10	0.034	ng/m3	0.0025 7/03	13 7/17/13	Contract SOW
2050-67-1	PCB Congener #11.	0.078 U.B-4	ng/m3	0.031 7/03	13 7/17/13	Contract SOW
R4-8000863	PCB Congener # 12 and/or 13	0.031	ng/m3	0.0049 7/03	/13 7/17/13	Contract SOW
34883-41-5	PCB Congener # 14	0.0025 U	ng/m3	0.0025 7/03	13 - 7/17/13	Contract SOW
2050-68-2	PCB Congener # 15	0.19	ng/m3	0.012 7/03	/13 7/17/13	Contract SOW
38444-78-9	PCB Congener # 16	0.39	ng/m3	0.0025 7/03	13 7/17/13	Contract SOW
37680-66-3	PCB Congener # 17	0.38	ng/m3	0.0025 7/03	/13 7/17/13	Contract SOW
R4-8000864	PCB Congener # 18 and/or 30	0.81	ng/m3	0.0025 7/03	13 7/17/13	Contract SOW
38444-73-4	PCB Congener # 19	0.17	ng/m3	0.0012 7/03	/13 7/17/13	Contract SOW
R4-8000865	PCB Congener # 20 and/or 28	: 0.49	ng/m3	0.012 7/03	/13 7/17/13	Contract SOW
R4-8000866	PCB Congener # 21 and/or 33	0.31	ng/m3	0.0049 7/03	/13 7/17/13	Contract SOW
38444-85-8	PCB Congener # 22	0.17	ng/m3	0.0025 7/03	/13 7/17/13	Contract SOW
55720-44-0	PCB Congener # 23	0.0012 U	ng/m3	0.0012 7/03	/13 7/17/13	Contract SOW
		,		<u> </u>		

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: IAA062513

Station ID: <u>I</u>

Lab ID: C133003-04

Matrix: Air

Date Collected: 6/25/13 10:04

cus :					10-7-1		7.4
Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
55702-45-9	PCB Congener # 24	0.012	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
55712-37-3	PCB Congener # 25	0.048	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
R4-8000867	PCB Congener #26 and/or-29	سان 0.10	ng/m3	0.0025	7/03/13	7/17/13%	Contract SOW
38444-76-7	PCB Congener # 27	0.049	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
16606-02-3	PCB Congener # 31	partial 0.47 st	ng/m3	0.0062	7/03/13	7/17/13	Contract SOW
38444-77-8	PCB Congener # 32	0.18	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
37680-68-5	PCB Congener #34	0.0020	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
37680-69-6	PCB Congener # 35	0.0026	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
38444-87-0	PCB Congener # 36	0.0025 U	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
38444-90-5	PCB Congener # 37	0.054	ng/m3	0.012	7/03/13	7/17/13	Contract SOW
53555-66-1	PCB Congener # 38	0.0012 Ü	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
38444-88-1	PCB Congener # 39	0.0025 U	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
R4-8001051	PCB Congener # 40 and/or 71	0.071	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
52663-59-9	PCB Congener # 41	0.026	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
36559-22-5	PCB Congener # 42	0.056	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
70362-46-8	PCB Congener # 43	0.010	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
R4-8000869	PCB Congener # 44 and/or 47.65	CAPTURE 0.24 Plant of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of	ng/m3	0.0037	7/03/13	7/17/13	Contract SOW
R4-8000870	PCB Congener # 45 and/or 51	0.096	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
41464-47-5	PCB Congener # 46	0.022	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
70362-47-9	PCB Congener # 48	0.063	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
R4-8000871	PCB Congener # 49 and/or 69	0.14	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
R4-8000872	PCB Congener # 50 and/or 53	. 0.056	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
35693-99-3	PCB Congener # 52	0.22	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
15968-05-5	PCB Congener # 54	0.0025	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
74338-24-2	PCB Congener #455	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
41464-43-1	PCB Congener # 56	0.021	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
70424-67-8	PCB Congener # 57	0.0012 19	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
41464-49-7	PCB Congener # 58	0.0012 U	'ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
R4-8000873	PCB Congener # 59 and/or 62.75	0.018	ng/m3	0.0037	7/03/13	7/17/13	Contract SOW

C133003 PCBA FINAL 08 07 13 0845



Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: IAA062513

Station ID: <u>I</u>

Lab ID: C133003-04

Matrix: Air

Date Collected: 6/25/13 10:04

Date Colle	ected: 6/25/13 10:04						
CAS Number -	Analyre 3	Results Qualifiers	Units	MRL	Prepared .	Analyzed	Method
33025-41-1	PCB Congener # 60	0.013	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
R4-8000874	PCB Congener # 61 and/or 70,74,76	0.10	ng/m3	0.0049	7/03/13	7/17/13	Contract SOW
74472-34-7	PCB Congener # 63	0.0031 U	ng/m3	0.0031	7/03/13.	7/17/13	Contract SOW
52663-58-8	PCB Congener # 64	0.075	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
32598-10-0	PCB Congener # 66	0:045	ng/m3	0.0031	7/03/13	7/17/13	Contract SOW
73575-53-8	PCB Congener # 67	0.0027	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
73575-52-7	PCB Congener #.68	0.0080	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
41464-42-0	PCB Congener # 72	0.0025 U	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
74338-23-1	PCB Congener # 73	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
32598-13-3	PCB Congener # 77	0.0025	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
70362-49-1	PCB Congener # 78	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
41464-48-6	PCB Congener # 79	0.0025 U	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
33284-52-5	PCB Congener # 80	0.0025 U	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
70362-50-4	PCB Congener # 81	. 0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
52663-62-4	PCB Congener # 82	0.0033	ng/m3	0.0031	7/03/13	7/17/13	Contract SOW
60145-20-2	PCB Congener # 83	0.0014	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
52663-60-2	PCB Congener # 84	0.012	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
R4-8000876	PCB Congener # 85 and/or 116,117	0.00,52	ng/m3	0.0037	7/03/13	7/17/13	Contract SOW
E52450707	PCB Congener # 86 and/or	0.021	ng/m3	0.0074	7/03/13	7/17/13	Contract SOW
R4-8000878	87,97,109,119,125 PCB Congener # 88 and/or 91	0.0078	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
73575-57-2	PCB Congener # 89	0.0078	ng/m3	0.0023	7/03/13	7/17/13	Contract SOW
R4-8000879	PCB Congener # 90 and/or 101,113	0.033	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
52663-61-3	PCB Congener #92.	0.0062	ng/m3	0.0037	7/03/13	7/17/13	Contract SOW
R4-8001052	PCB Congener # 93 and/or 100	0.0002 0.0025 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
73575-55-0	PCB Congener # 94	0.0023 U	ng/m3	0.0023	7/03/13	7/17/13	Contract SOW
38379-99-6	PCB Congener # 95	0.0012	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
73575-54-9	PCB Congener # 96	0.0015	Em\gn		7/03/13		Contract SOW
R4-8001056	PCB Congener # 98 and/or 102	0.0013	ng/m3	0.0012 0.0025	ACCUPATION OF	7/17/13 7/17/13	
174-9001030	1 CD Congener # 78 and/or 102	V.VVZð	כווואוו	0.0023	7/03/13	//1//(3	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: IAA062513

Station ID: I

Lab ID: C133003-04

Matrix: Air

Date Collected: 6/25/13 10:04

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CAS Number	Analyte To To	Results Qualifiers	Units	MRL	Propured	Analyzed	Method 2
38380401-7	PCB Congener # 99	0.015/4: 144-14	ng/m3-	0.0012	7/03/13	7/17/13	Contract SOW :
60145-21-3	PCB Congener #103	0.0031 U	ng/m3	0.0031	7/03/13	7/17/13	Contract SOW
56558-16-8	PCB Congener #104	0:0012 ⊎	ng/m3.	0.0012	-7/03/13	7/17/13 :	Contract SOW
32598-14-4	PCB Congener #105	0.0062	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
70424-69-0	PCB Congener #106	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
70424-68-9	PCB Congener #107	0.0025 U	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
R4-8001053	PCB Congener #108 and/or 124	0.0025 U	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
R4-8000882	PCB Congener #110 and/or 115	0.029	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
39635-32-0	PCB Congener #UFL	0.0012 €	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
74472-36-9	PCB Congener #112	· 0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
74472-37-0	PCB Congener #1:14 s	0.0012.⊍	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW,
31508-00-6	PCB Congener #118	0.015	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
68194-12-7	PCB Congener #120	- 0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
56558-18-0	PCB Congener #121	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
76842-07-4	PCB Congener #122	0.0012.U.	ng/m3	0.0012	7/03/13	7/17/13	Contract SOWs
65510-44-3	PCB Congener #123	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
57465-28-8	PCB Congener #126	0:0012 ⊎	ng/m3	0.0012%	7/03/13	7/17/13	Contract SOW#
39635-33-1	PCB Congener #127	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
R4-8000883	PCB Congener #128 and/or 166	0:0025 U	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW()
R4-8001054	PCB Congener #129 and/or 138,163	0.014	ng/m3	0.0037	7/03/13	7/17/13	Contract SOW
52663-66-8	PCB Congener #130	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
61798-70-7	PCB Congener #131	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
38380-05-1	PCB Congener #132	0.0061	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
35694-04-3	PCB Congener #133	0.0012 U	' ng/m3	0.0012	7/03/13	7/17/13	Contract SOW '
52704-70-8	PCB Congener #134	- 0.0012 U	ng/m3	.0.0012	7/03/13	7/17/13	Contract SOW
R4-8001055	PCB Congener #135 and/or 151	0.0074	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
38411-22-2	PCB Congener #136	0.0036	ng/m3	0:0012	7/03/13	7/17/13	Contract SOW
35694-06-5	PCB Congener #137	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
R4-8000887	PCB Congener #139/and/or 140	0.0025 U	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: IAA062513

Lab ID: C133003-04

Station ID: I

Matrix: Air

Date Collected: 6/25/13 10:04

Date Cone	etta. 0/25/10 10:04			Comments of the latest		discontant and the	
CAS Number	Analyte 12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
52712-04-6	PCB Congener #141	0.0029	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
41411-61-4	PCB Congener #142	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
68194-15-0	PCB Congener #143	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
68194-14-9	PCB Congener #144	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
74472-40-5	PCB Congener #145	0.0012 U	.ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
51908-16-8	PCB Congener #146	0.0022	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
R4-8000888	PCB Congener #147 and/or 149	0.015	ng/m3	0.0049	7/03/13	- 7/17/13	Contract SOW
74472-41-6	PCB Congener #148	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
68194-08-1	PCB Congener #150	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
68194-09-2	PCB Congener #152	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
R4-8000889	PCB Congener #153 and/or 168	⊁ 0.013	ng/m3	0.0049	7/03/13	7/17/13	Contract SOW
60145-22-4	PCB Congener #154	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
33979-03-2	PCB Congener #155	2 0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
R4-8000890	PCB Congener #156 and/or 157	0.0025 U	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
74472-42-7	PCB Congener #158 and half	0.0014	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
39635-35-3	PCB Congener #159	· 0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
41411-62-5	PCB Congener #160	.0:0012 U.	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
74472-43-8	PCB Congener #161	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
39635-34-2	PCB Congener #162	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
74472-45-0	PCB Congener #164	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW.
74472-46-1	PCB Congener#165	- 0.00 <b>12</b> U	. ng/m3	0.0012	7/03/13	7/1 <b>7</b> /13	Contract SOW
52663-72-6	PCB Congener #167	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
32774-16-6	PCB Congener #169	- 0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
35065-30-6	PCB Congener #170	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
R4-8000891	PCB Congener #171 and/or 173	0:0025 U	ng/m3	0.0025	7/03/13	7/17/13	Contract SOW
52663-74-8	PCB Congener #172	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
38411-25-5	PCB Congener #174	0.0024	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
40186-70-7	PCB Congener #175	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
52663-65-7	PCB Congener #176	0.0012 U	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: <u>IAA062513</u>

Station ID: <u>I</u>

Lab ID: C133003-04

Matrix: Air

Date Collected: 6/25/13 10:04

Date Con-	ected: 6/25/13 10:04				Charles a contra	
CAS Number	Analyte	Results Qualifiers	Units	MRL Pre	pared Analyze	n Method
52663-70-4	PCB Congener #177	0.0013	ng/m3	0:0012 7/	03/13 7/17/13	Contract SOW
52663-67-9	PCB Congener #178	0.0012 U	ng/m3	0.0012 7/	03/13 7/17/13	Contract SOW
52663-64-6	PCB Congener #1795	0.0018	ng/m3.	0.0012 7/	03/13 7/17/19	Contract SOW
R4-8000892	PCB Congener #180 and/or 193	0.0037	ng/m3	0.0025 7/	03/13 7/17/13	Contract SOW
74472-47-2	PCB Congener #181	0.0012 U	ng/m3	0.0012 7/	03/13 7/17/13	Contract SOW
60145-23-5	PCB Congener #182	0.0012 U	ng/m3	0.0012 7/	03/13 7/17/13	Contract SOW
R4-8000893	PCB Congener #183 and/or 185	0.0025 U	ng/m3	0.0025 7/	03/13 7/17/13	Contract SOW
74472-48-3	PCB Congener #184	0.0012 U	ng/m3	0.0012 7/	03/13 7/17/13	Contract SOW
74472-49-4	PCB Congener #186	0.0012 ∪.	ng/m3	0.0012 7/	03/13 7/17/13	Contract SOW
52663-68-0	PCB Congener #187	0.0042	ng/m3	0.0012 7/	03/13 7/17/13	Contract SOW
74487-85-7	PCB Congener #188	0:0012-1	ing/m3	0.0012 7/	03/13 7/17/13	Contract SOW
39635-31-9	PCB Congener #189	0.0012 U	ng/m3	0.0012 - 7/	03/13 7/17/13	Contract SOW
41411-64-7	PCB Congéner #190	0.0012.U	ng/m3	0.0012 7/	03/13 7/17/13	Contract SOW
74472-50-7	PCB Congener #191	0.0012 U	ng/m3	0.0012 7/	03/13 7/17/13	Contract SOW
74472-51-8	PCB Congener #192	0.0012 ⊎	ng/m3	0.0012 7/	03/13 7/17/13	Contract SOW
35694-08-7	PCB Congener #194	0.0012 U	ng/m3	0.0012 7/	03/13 7/17/13	Contract SOW
52663-78-2	PCB Congener #195	0.0012-U====================================	ng/m3·	0:0012 7/	03/13 7/17/13	Contract SOW
42740-50-1	PCB Congener #196	0.0012 U	ng/m3	0.0012 7/	03/13 7/17/13	Contract SOW
R4-8000894	PCB Congener #197 and/or 200	0.0025 U	ng/m3	0.0025 7/	03/13 / 7/17/13	Contract SOW
R4-8000895	PCB Congener #198 and/or 199	0.0025 U .	ng/m3	0.0025 7/	03/13 7/17/13	Contract SOW
40186-71-8	PCB Congener #201	0.0012 U	ng/m3≓	0.0012 7/	03/13 7/17/13	Contract SOW
2136-99-4	PCB Congener #202	0.0021	ng/m3	0.0012 7/	03/13 7/17/13	Contract SOW
52663-76-0	PCB Congener #203	2. 1. 1. 1. 0.0014 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	ng/m3	0.0012 7/	03/13 7/17/13	Contract SOW
74472-52-9	PCB Congener #204	0.0012 U	ng/m3	0.0012 7/	03/13 7/17/13	Contract SOW
74472-53-0	PCB Congener#205	0.0012 U	ng/m3	0.0012 7/	03/13, 7/17/13	Contract SOW
40186-72-9	PCB Congener #206	0.0012 U	ng/m3	0.0012 7/	03/13 7/17/13	Contract SOW
52663-79-3	PCB Congener #207	0:0012 U	ng/m3	_0.0012 7/	03/13 7/17/13	Contract SOW
52663-77-1	PCB Congener #208	0.0012 U	ng/m3	0.0012 7/	03/13 7/17/13	Contract SOW
2051-24-3	PCB Congener #209	1-2	ng/m3	0.0012	03/13 7/17/13	Contract SOW
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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB Aroclors**

Project: 13-0363, Anniston PCB Air Study

Sample ID: IAA062513

Station ID: I

Lab ID: . C133003-04

Matrix: Air

Date Collected: 6/25/13 10:04

CAS				200		
Number	Analyte &	Results Qualifiers	Units	MRL * Prepared	Analyzed	Method
25429-29-2	Pentachlorobiphenyl (Total)	0.20	ng/m3 (	0.0012 7/03/13	7/17/13	Contract SOW
R4-8001026	TEQ (Avian Toxic. Equiv. for PCBs, WHO	0.00037	ng/m3	7/03/13	7/17/13	Contract SOW
	TEQ-98)	•				
R4-8001027	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	7.2E-6	ng/m3	7/03/13	7/17/13	Contract SOW
	TEO-98)					92
R4-8000909	TEQ (Mammalian Toxic. Equiv. for PCBs,	0.00016	ng/m3	7/03/13	7/17/13	Contract SOW
	WHO TEQ-05)		•			
26914-33-0	Tetrachlorobiphenyl (Total)	1.3	ng/m3	0.0012 7/03/13	7/17/13	Contract SOW
1336-36-3	Total PCBs	8.0	. ng/m3 (	0.0012 7/03/13	7/17/13	Contract SOW
25323-68-6	Trichlorobiphenyl (Total)	3.6	ng/m3 (	0.0012 7/03/13	7/17/13	Contract SOW
(3.85)		THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE S	2.5.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2			CONTRACTOR STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE O



Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: <u>IAA062613</u>

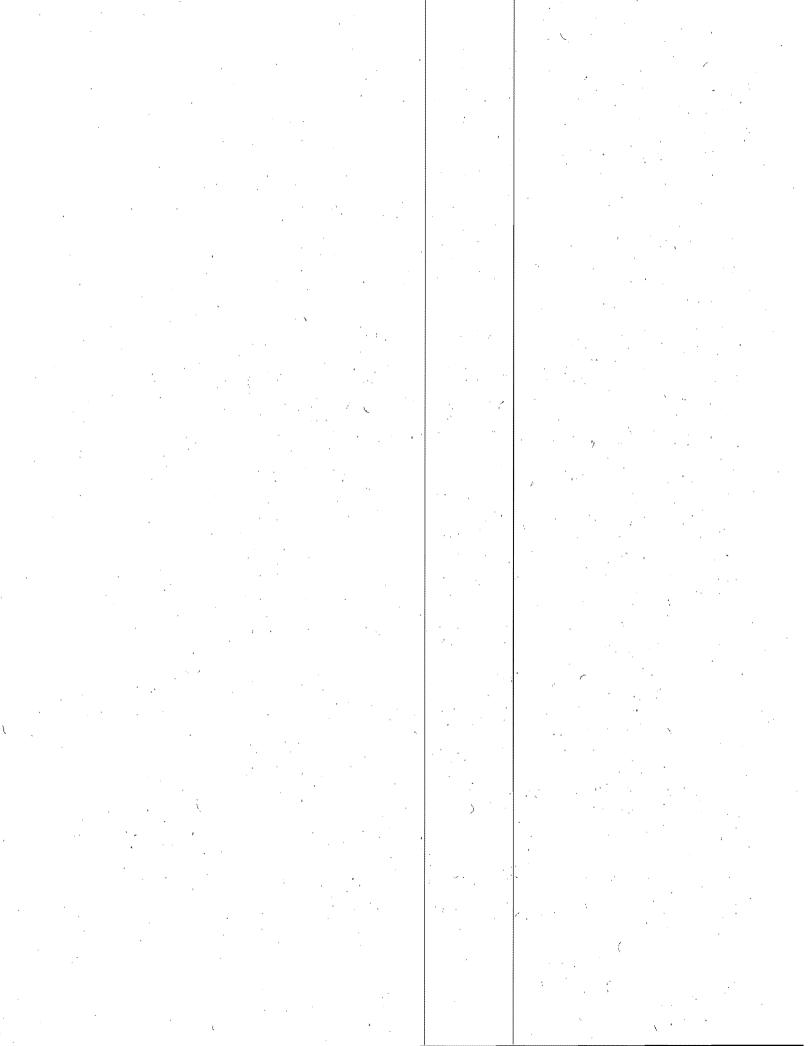
Station ID: <u>I</u>

Lab ID: C133003-05

Matrix: Air

Date Collected: 6/26/13 10:12

C4S	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	10 min 200 min					French
Number	Analyte	Results Qualifiers	Units	MKI.	Prepared	Junived	Method
25512-42-9	Dichlorobiphenyl (Total)	0.34	ng/m3	0.00024	7/03/13	7/17/13	Contract SQW
28655-71-2	Heptachlorobiphenyl (Total)	0.0085	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
26601-64-9	Hexachlorobiphenyl (Total)	0.035	ing/m3	0.00024	7/03/13	7/17/13	Contract SOW
27323-18-8	Monochlorobiphenyl (Total)	0.022	ng/m3	0.00024	7/03/13	7/17/13 -	Contract SOW
53742-07-7	Nonachlorobiphenyl (Total)	0.0013	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
55722-26-4	Octachlorobiphenyl (Total)	0.0038	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
2051-60-7	PCB Congener# 1	0.0098	ng/m3	0.00061	7/03/13	7/17/13	Contract SOW
2051-61-8	PCB Congener # 2	0.0051	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
2051-62-9	PCB Congener # 3	0.0066	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
13029-08-8	PCB Congener # 4	0.041	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
16605-91-7	PCB Congener # 5	0.0019	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
25569-80-6	PCB Congener # 6	0.020	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
33284-50-3	PCB Congener # 7	0.060	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
34883-43-7	PCB Congener # 8	0.086	ng/m3	0.0024	7/03/13	7/17/13	Contract SOW
34883-39-1	PCB Congener # 9	0.0057	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
33146-45-1	PCB Congener # 10	0.0024	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
2050-67-1	PCB Congener # 11	0.077 U, B-4	ng/m3	0,0061	7/03/13	7/17/13	Contract SOW
R4-8000863	PCB Congener # 12 and/or 13	0.010	ng/m3	0.00097	7/03/13	7/17/13	Contract SOW
34883-41-5	PCB Congener # 14	0.0040	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
2050-68-2	PCB Congener # 15	0.045	ng/m3	0.0024	7/03/13	7/17/13	Contract SOW
38444-78-9	PCB Congener # 16	0.040	- ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
37680-66-3	PCB Congener # 17	0.040	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
R4-8000864	PCB Congener # 18 and/or 30	0.075	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
38444-73-4	PCB Congener # 19	0.016	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
R4-8000865	PCB Congener # 20 and/or 28	0.079	ng/m3 i	0.0024	7/03/13	7/17/13	Contract SOW
R4-8000866	PCB Congener # 21 and/or 33	0.049	ng/m3	0.00097	7/03/13	7/17/13	Contract SOW
38444-85-8	PCB Congener # 22	0.030	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
55720-44-0	PCB Congener # 23	0.00024 U	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW





Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: IAA062613

Station ID: I

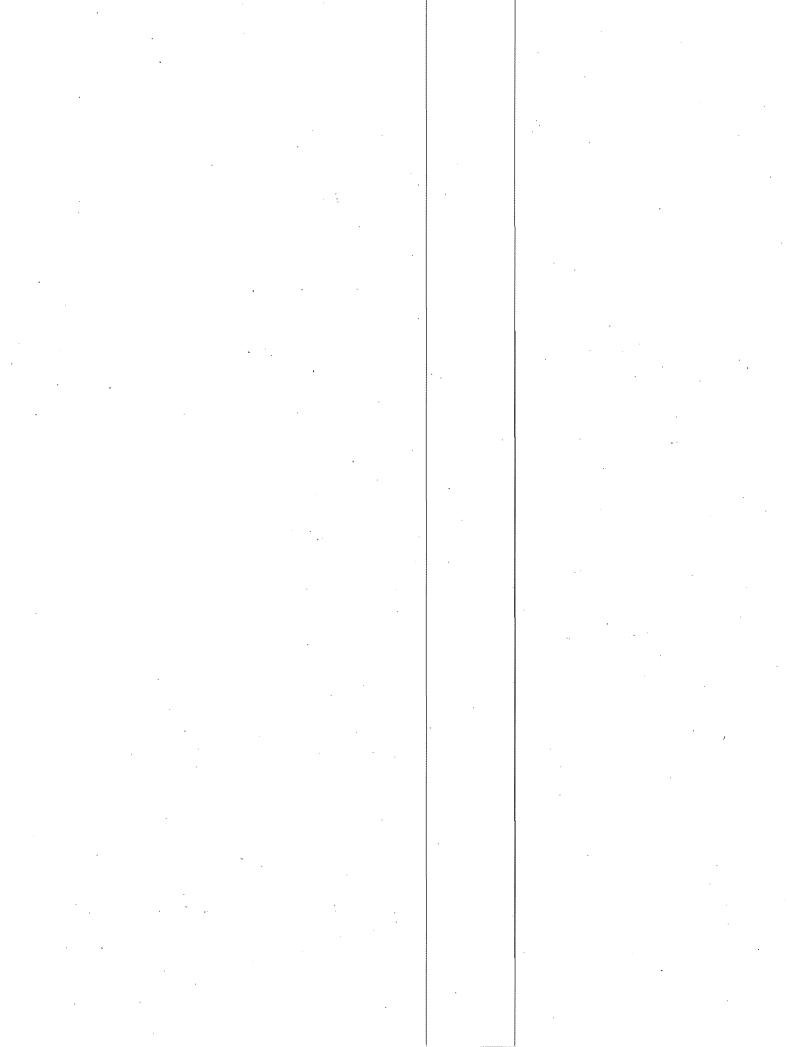
Lab ID: <u>C133003-05</u>

Matrix: Air

Date Collected: 6/26/13 10:12

CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
55702-45-9	PCB Congener # 24	0.0014	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
55712-37-3	PCB Congener # 25	0.014	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
R4-8000867	PCB Congener # 26 and/or 29	0.015	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
38444-76-7	PCB Congener # 27	0.0048	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
16606-02-3	PCB Congener # 31	0.070	ng/m3	0.0012	7/03/13	7/17/13	Contract SOW
38444-77-8	PCB Congener # 32	0.020	ng/m3	0.00024	7/03/13	7/17/13 .	Contract SOW
37680-68-5	PCB Congener # 34	0.00033	ng/m3	0:00024	7/03/13	7/17/13	Contract SOW
37680-69-6	PCB Congener # 35	0.0012	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
38444-87-0	PCB Congener # 36	0:00049 U	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
38444-90-5	PCB Congener # 37	0.015	ng/m3	0.0024	7/03/13	7/17/13	Contract SOW
53555-66-1	PCB Congener # 38	0.00024 U	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
38444-88-1	PCB Congener # 39	0.00049 U	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
R4-8001051	PCB Congener # 40 and/or 71	0.013	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
52663-59-9	PCB Congener # 41	0.0043	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
36559-22-5	PCB Congener # 42	0.0095	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
70362-46-8	PCB Congener # 43	0.0013	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
R4-8000869	PCB Congener # 44 and/or 47,65	0.13	ng/m3	0.00073	7/03/13	7/17/13	Contract SOW
R4-8000870	PCB Congener # 45 and/or 51	0.052	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
41464-47-5	PCB Congener # 46	0.0027	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
70362-47-9	PCB Congener # 48	0.0091	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
R4-8000871	PCB Congener # 49 and/or 69	0.023	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
R4-8000872	PCB Congener # 50 and/or 53	0.0061	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
35693-99-3	PCB Congener # 52	0.037	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
15968-05-5	PCB Congener # 54	0.00040	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
74338-24-2	PCB Congener # 55	0.00031	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
41464-43-1	PCB Congener # 56	0.0070	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
70424-67-8	PCB Congener # 57	0.00024 U	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
41464-49-7	PCB Congener # 58	0.00024 U	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
R4-8000873	PCB Congener # 59 and/or 62,75	0.0028	ng/m3	0.00073	7/03/13	7/17/13	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

### **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: <u>IAA062613</u>

Lab ID: C133003-05

Station ID: <u>I</u>

Matrix: Air

Date Collected: 6/26/13 10:12

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Number	Analyre .	Results Qualifiers	Units	MRL	Prepared:	Anadyzed	Method
33025-41-1	PCB Congener # 60.	0.0044	Er⊊ ng/m3 - ,	0:00049	7/03/13	7/17/13	Contract SOW
R4-8000874	PCB Congener # 61 and/or 70,74,76	0.029	ng/m3	0.00097	7/03/13	7/17/13	Contract SOW
74472-34-7	PCB Congener # 63	0:00071	. ng/m3	0.00061	7/03/13	7/17/13	Contract SOW
52663-58-8	PCB Congener # 64	0.014	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
32598-10-0	PCB Congener # 66.	0.014	ng/m3	0.00061	7/03/13	7/17/13	Contract SOW
73575-53-8	PCB Congener # 67	0.00067	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
73575-52-7	PCB Congener #.68	0.017	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
41464-42-0	PCB Congener # 72	0.00049 U	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
74338-23-1	PGB Congener # 73	0:00024 U +	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
32598-13-3	PCB Congener # 77	0.0010	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
70362-49-1	PCB Congener # 78	0.00024 U	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW:
41464-48-6	PCB Congener # 79	0.00049 U	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
33284-52-5	PCB Congener # 80	0:00049 U	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
70362-50-4	PCB Congener # 81	0.00024 U	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
52663-62-4	PCB Congener # 82	0.0011	ng/m3	0.00061	7/03/13	7/17/13	Contract SOW,
60145-20-2	PCB Congener # 83	0.00054	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
52663-60-2	PCB Congener # 84	0.0034	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
R4-8000876	PCB Congener # 85 and/or 116,117	0.0018	ng/m3	0.00073	7/03/13	7/17/13	Contract SOW
E52450707	PCB Congener # 86 and/or	0.0073	ng/m3	0.0015	7/03/13	7/17/13	Contract SOW
R4-8000878	87,97,109,1:19,125 PCB Congener # 88 and/or 91	0.0020	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
73575-57-2	PCB Congener # 89	0.00024 U	ng/m3	0.00024	7/03/13	7/17/13	Contract SOW
R4-8000879	PCB Congener # 90 and/or 101,113	0.012	ng/m3	0.00073	7/03/13	7/17/13	Contract SOW
52663-61-3	PCB Congener # 92	0.0020	ng/m3	0.00073			Contract SOW
R4-8001052	PCB Congener # 93 and/or 100	0.00049 U	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
73575-55-0	PCB Congener # 94	0.00024 U	ng/m3	0.00024		7/17/13	Contract SOW
38379-99-6	PCB Congener # 95	0.011	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
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R4-8001056	PCB Congener # 98 and/or 102	0.00049 U	ng/m3	0.00049	7/03/13	7/17/13	Contract SOW
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C133003 PCBA FINAL 08 07 13 0845

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: <u>IAA062613</u>

Station ID: I

Lab ID: <u>C133003-05</u>

Matrix: Air

Date Collected: 6/26/13 10:12

Date Con					
CAS Number	-Avalyte:	Results Qualifiers	Units	MRL Freque	dis Analyzed Afethod
38380-01-7	PCB Congener # 99	² -0.0050	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
60145-21-3	PCB Congener #103	0.00061 U	ng/m3	0.00061 7/03/1	3 7/17/13 Contract SOW
56558-16-8	PCB Congener #104	0.00024 ⊍	ng/m3	0:000243 7/03/1	3 7/17/13 Contract SOW
32598-14-4	PCB Congener #105	0.0023	ng/m3	0.00024 7/03/13	3 7/17/13 Contract SOW
70424-69-0	PCB Congener #106	9.2 0.00024 Û 5 3 3 3 3 3	ng/m3	0.00024 7/03/1	3. 57/17/13 Contract SOW
70424-68-9	PCB Congener #107	0.00049 U	ng/m3	0.00049 7/03/1:	3 7/17/13 Contract SOW
R4-8001053	PCB Congener #108 and/or 124	hv: 0.00049 U // 😤	ng/m3	0:00049 7/03/1	3 7/17/13 Contract SOW
R4-8000882	PCB Congener #110 and/or 115	0.011	ng/m3	0.00049 7/03/1	3 7/17/13 Contract SOW
39635-32-0	PCB Congener #111-	0.00024 U	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
74472-36-9	PCB Congener #112	0.00024 U	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
74472-37-0	PCB Congener #114	0.00024.0	ng/m3	0.00024 - 7/03/1	3 7/17/13 Contract SOW
31508-00-6	PCB Congener #118	0.0064	ng/m3	0.00049 7/03/1	3 7/17/13 Contract SOW
68194-12-7	PCB Congener #120	0.00024 U	ng/m3	0.00024 # 7/03/1	3 7/17/13 Contract SOW
56558-18-0	PCB Congener #121	0.00024 U	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
76842-07-4	PCB Congener #122*	0.00024 U	ng/m3	0.00024 7/03/1	3 1 to 7/17/13 Contract SOW
65510-44-3	PCB Congener #123	0.00024 U	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
57465-28-8	PCB Congener #126	0.00024 ℃	ng/m3 🛴	0:00024 7/03/1	3 7/17/13 . Contract SOW
39635-33-1	PCB Congener #127	0.00024 U	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
R4-8000883	PCB Congener #128 and/or 166	0.00061	+ ng/m3	0.00049> ± 7/03/1	3 7/17/13 Contract/SOW
R4-8001054	PCB Congener #129 and/or 138,163	0.0066	ng/m3	0.00073 7/03/1	3 7/17/13 Contract SOW
52663-66-8	PCB Congener #130	** 0.00038/	ng/m3	0.00024 < 7/03/1	3 - 7/17/13 / Contract SOW 11
61798-70-7	PCB Congener #131	0.00024 U	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
38380-05-1	PCB Congener #132	0.0028	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
35694-04-3	PCB Congener #133	0.00024 U	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
52704-70-8	PCB Congener #134 * * * * * *	12 (0.00024 U	ng/m3	0.00024 - 7/03/1	3 7/17/13 Contract SOW (1/2)
R4-8001055	PCB Congener #135 and/or 151	0.0037	ng/m3	0.00049 7/03/1	3 7/17/13 Contract SOW
38411-22-2	PCB Congener #136	0.0015	ng/m3	0.00024*** 7/03/1	3 7/17/13 Contract SOW.
35694-06-5	PCB Congener #137	0.00029	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
R4-8000887	PCB Congener #139 and/or 140	0:00049 U	ng/m3	0:00049 7/03/1	3 7/17/13 Contract SOW: 3
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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: IAA062613

Station ID: I

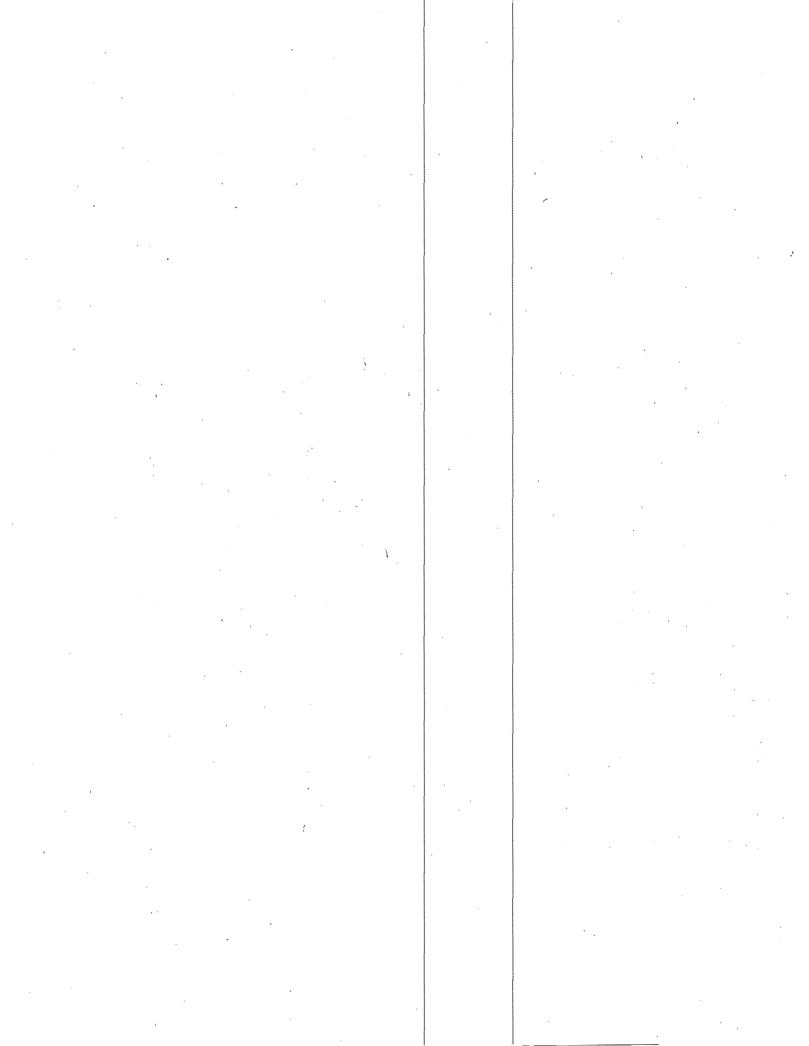
Lab ID: C133003-05

Matrix: Air

Date Collected: 6/26/13 10:12

Date Con	ected: 6/26/13 10:12				
CAS Number	24 Analyte	Results Qualifiers	Units	MRL Propar	ed Analyzed Method
52712-04-6	PCB Congener #141	0.0014	ng/m3_	0.00049 7/03/1	3 7/17/13 Contract SOW
41411-61-4	PCB Congener #142	0.00024 ∪	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
68194-15-0	PCB Congener #143	0.00024 U	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW-
68194-14-9	PCB Congener #144	0.00052	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
74472-40-5	PCB Congener,#145	0.00024 U	ng/m3	0:00024 - 7/03/1	3: 7/17/13 Contract SOW
51908-16-8	PCB Congener #146	. 0.0011	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
R4-8000888	PCB Congener #147 and/or 149	0:00 <b>81</b>	ng/m3	0.00097 7/03/1	3 7/17/13 Contract SOW
74472-41-6	PCB Congener #148	0.00024 U	ng/m3	0,00024 7/03/1	3 7/17/13 Contract SOW .
68194-08-1	PCB Congener #150	0.00024 ∪	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
68194-09-2	PCB Congener #152	0.00024 U	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
R4-8000889	PCB Congener #153 and/or 168	4 · 0:0069	ng/m3	0.00097 7/03/1	3 7/17/13 Contract SOW
60145-22-4	PCB Congener #154	0.00024 Ù	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
33979-03-2	PCB Congener #155	0.000 <b>24</b> U	ng/m3	0.00024 - 7/03/1	3 7/17/13 Contract SOW
R4-8000890	PCB Congener #156 and/or 157	0.00049 U	ng/m3	0.00049 7/03/1	3 7/17/13 Contract SOW
74472-42-7	PCB Congener #158	0.00062	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
39635-35-3	PCB Congener #159	0.00024 U	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
41411-62-5	PCB Congener #160	0.00024 U is a fight (	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
74472-43-8	PCB Congener #161	0.00024 U	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
39635-34-2	PCB Congener #162	0:00024 U	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW.
74472-45-0	PCB Congener #164	0.00044	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
744 <b>72</b> -46-1	PCB Congener #165	0:00024 U	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
52663-72-6	PCB Congener #167	0.00024 U	ng/m3	0.00024 . 7/03/1	3 7/17/13 Contract SOW
32774-16-6	PCB Congener #169	0:00024 U	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
35065-30-6	PCB Congener #170	0.00042	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
R4-8000891	PCB Congener #171 and/or 173	0.00049 U	ng/m3	0.00049 7/03/1	3 7/17/13 Contract SOW
52663-74-8	PCB Congener #172	0.00024 U	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
38411-25-5	PCB Congener #174	0.0011	ng/m3	0.00024 7/03/1	3 7/17/13 Contract SOW
40186-70-7	PCB Congener #175	0.00024 U	. ng/m3	0,00024 7/03/1	3 7/17/13 Contract SOW
52663-65-7	PCB Congener #176	0.00025	ng/m3	0.00024 + 7/03/1	3 7/17/13 Contract SOW

C133003 PCBA FINAL 08 07 13 0845





Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: IAA062613

Lab ID: C133003-05

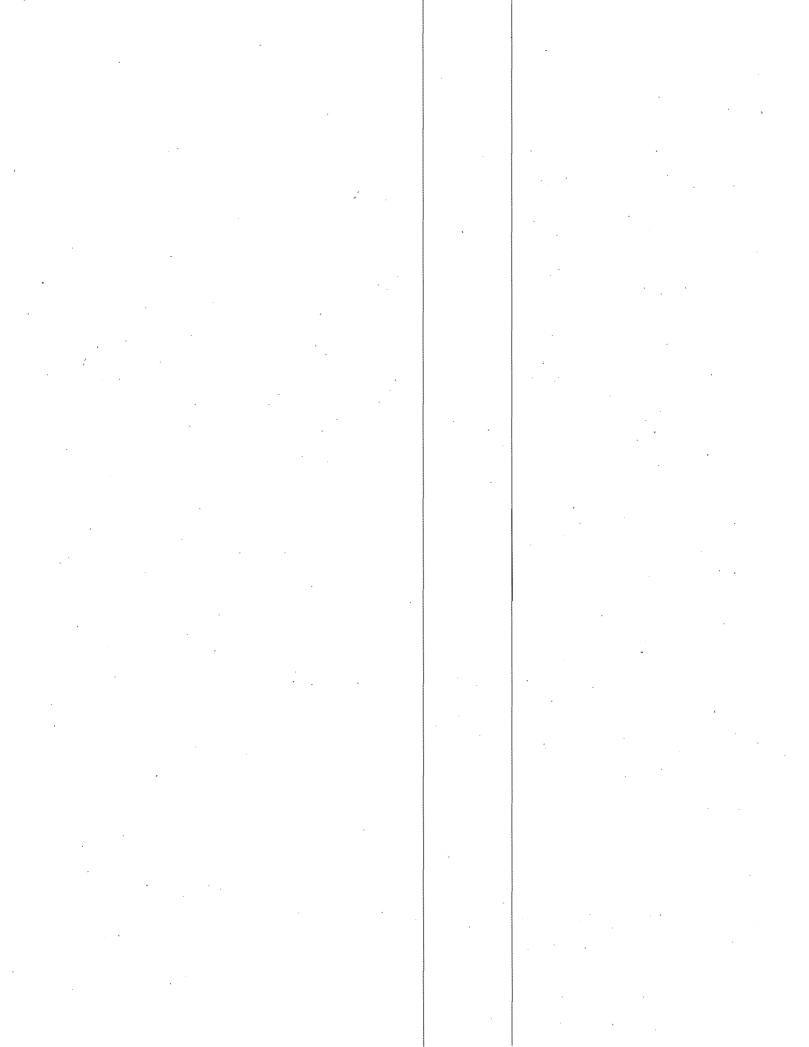
Station ID: I

Matrix: Air

Date Collected: 6/26/13 10:12

Date Colle	ected: 6/26/13 10:12				
CAS Number	Analyte	Results Qualifiers	Units	MRLA Propa	red Analyzed Method
52663-70-4	PCB Congener #177	0.00058	ng/m3	0:00024 7/03	/13 - 7/17/13 Contract SOW
52663-67-9	PCB Congener #178	0.00042	ng/m3	0.00024 7/03	/13 7/17/13 Contract SOW
52663-64-6	PCB Congener #179	0:00094	ng/m3	0.00024 7/03	/13 7/17/13 Contract SOW
R4-8000892	PCB Congener #180 and/or 193	0.0016	ng/m3	0.00049 7/03	/13 7/17/13 Contract SOW
74472-47-2	PCB Congener #181	0.00 <b>024</b> U	ng/m3	0.00024 7/03	/13 7/17/13 Contract SOW
60145-23-5	PCB Congener #182	0.00024 U	ng/m3	0.00024 7/03	/13 7/17/13 Contract SOW
R4-8000893	PCB:Congener #183 and/or 185	0.00096	ng/m3 ×	0.00049 7/03	/13 7/17/13 Contract SOW
74472-48-3	PCB Congener #184	0.00024 U	ng/m3	0.00024 7/03	/13 7/17/13 Contract SOW
74472-49-4	PCB Congener #186	0.00024 L	ng/m3	0.00024 7/03	/13 7/17/13 Contract/SOW
52663-68-0	PCB Congener #187	0.0023	ng/m3	0.00024 7/03	/13 7/17/13 Contract SOW
74487-85-7	PCB Congener #188	- ₹ 4 0:00024 U - ₹ 5	ng/m3	0.00024 7/03	/13 7/17/13 Contract/SOW
39635-31-9	PCB Congener #189	0.00024 U	ng/m3	0.00024 7/03	/[3 7/17/13 Contract SOW
41411-64-7	PCB Congener#190	© 0.00024. U	ng/m3	0.00024 7/03	/13 7/17/13 Contract SOW
74472-50-7	PCB Congener #191	0.00024 U	ng/m3	0.00024 7/03	/13 7/17/13 Contract SOW
74472-51-8	PCB Congener #192	0.00024 U	ng/m3	0:00024 7/03	/13 7/17/13 Contract-SOW
35694-08-7	PCB Congener #194	0.00024 U	ng/m3	0.00024 7/03	/13 7/17/13 Contract SOW
52663-78-2	PCB Congener #195	0:00024 U	ng/m3	0.00024 7/03	/13 7/17/13 Contract SOW
42740-50-1	PCB Congener #196	0.00025	ng/m3	0.00024 7/03	/13 7/17/13 Contract SOW
R4-8000894	PCB Congener #197 and/or 200	0.00049 U	ng/m3	0.00049 7/03	/13 7/17/13 Contract SOW
R4-8000895	PCB Congener #198 and/or 199	0.0012	ng/m3	0.00049 7/03	/13 7/17/13 Contract SOW
40186-71-8	PCB:Congener #201	0.00027	ng/m3	0.00024 7/03	/13 7/17/13 Contract SOW
2136-99-4	PCB Congener #202	0.0014	ng/m3	0.00024 7/03	/13 7/17/13 Contract SOW
52663-76-0	PCB Congener #203	0:00075	ng/m3	0.00024 7/03	/13 7/17/13 Contract SOW
74472-52-9	PCB Congener #204	0.00024 U	ng/m3	0,00024 7/03	/13 7/17/13 Contract SOW
74472-53-0	PCB Congener #205	0.00024 U	ng/m3%	0.00024	113 7/17/13 - Contract SOW
40186-72-9	PCB Congener #206	0.00057	ng/m3	0.00024 7/03	and the second second second
52663-79-3	PCB Congener #207	0.00024 U	ng/m3	0.00024 7/03	
52663-77-1	PCB Congener #208	0.00073	ng/m3	0.00024 7/03	
2051-24-3	PCB [®] Congener #209	0.00061	ng/m3	0.00024 7/03	Av. S. Darch

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB Aroclors**

Project: 13-0363, Anniston PCB Air Study

Sample ID: IAA062613

Lab ID: C133003-05

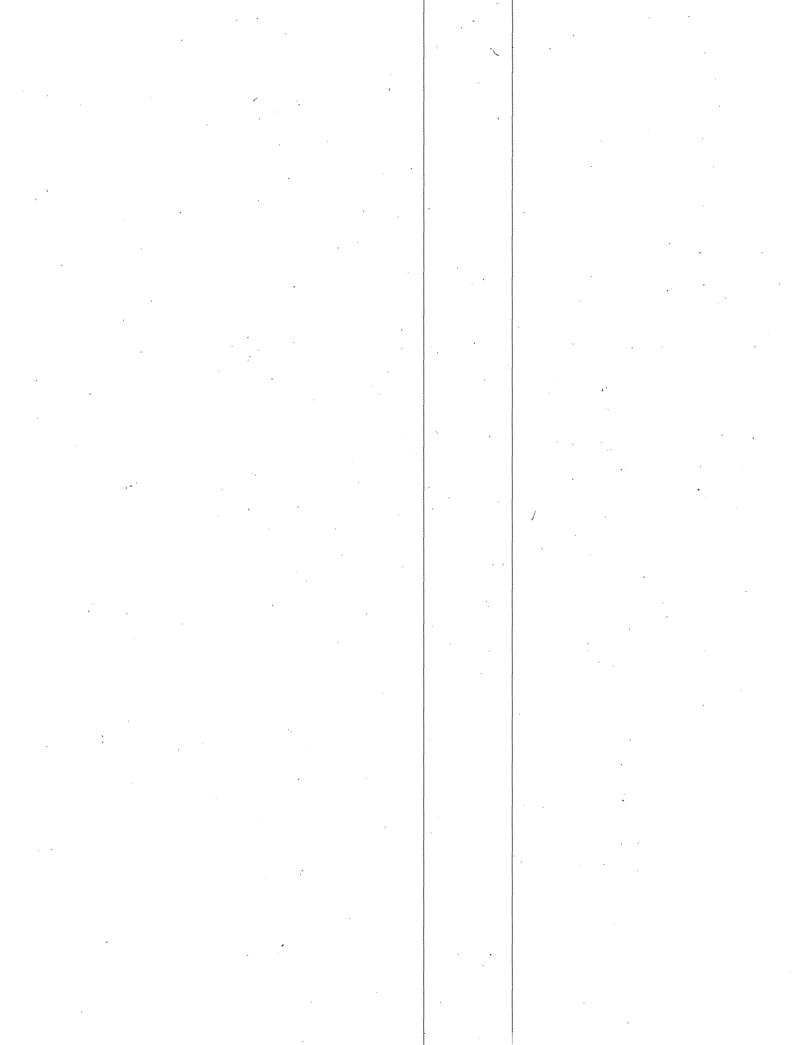
Station ID: I

Matrix: Air

Date Collected: 6/26/13 10:12

20110 00110						
CAS					17.0	
Number	Analyte	Results Qualifiers	trus Mi	AL Prepared	Analyzed	Method
25429-29-2	Pentachlorobiphenyl (Total)	0.066	ng/m3% 0/0000	24 - 7/03/13	7/17/13	Contract SOW
R4-8001026	TEQ (Avian Toxic. Equiv. for PCBs, WHO	9.9E-5	ng/m3	7/03/13	7/17/13	Contract SOW
	TEQ-98)					
R4-8001027	TEO (Fish Toxic Equiv. for PCBs, WHO	1.5E-6	ng/m3	7/03/13	7/17/13	Contract SOW
	TEQ-98)		ACCOUNT OF			
R4-8000909	TEQ (Mammalian Toxic. Equiv. for PCBs,	3.2E-5	ng/m3	7/03/13	7/17/13	Contract SOW
WINDSHIPS WILLIAM WATER	WHO TEQ-05)				***************************************	
26914-33-0	Tetrachlorobiphenyl (Total)	0138	ng/m3 0.000	24 7/03/13	7/17/13	Contract SOW
1336-36-3	Total PCBs	1.3	ng/m3 0.0002	24 7/03/13	7/17/13	Contract SOW
25323-68-6	Trichlorobiphenyl (Total)	0.47	ng/m3 \$10.000	24 7/7/03/13	7/17/13	Contract SOW
						and the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of th

Page 40 of 68 C133003 PCBA FINAL 08 07 13 0845





Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JAA062513

Lab ID: <u>C133003-06</u>

Station ID: <u>J</u>

Matrix: Air

Date Collected: 6/25/13 11:00

C4S							
Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
25512-42-9	Dichlorobiphenyl (Total)	3.6	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
28655-71-2	Heptachlorobiphenyl (Total)	0.059	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
26601-64-9	Hexachlorobiphenyl (Total)	0.22	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
27323-18-8	Monochlorobiphenyl (Total)	. 1.3	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
53742-07-7	Nonachlorobiphenyl (Total)	0.0032	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
55722-26-4	Octachlorobiphenyl (Total)	0.0077	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
2051-60-7	PCB Congener # 1	1.2	ng/m3	0.0064	7/03/13	7/17/13	Contract SOW
2051-61-8	PCB Congener # 2	0.013	: ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
2051-62-9	PCB Congener # 3	0.067	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW.
13029-08-8	PCB Congener # 4	1.5	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
16605-91-7	PCB Congener # 5	∜0.024	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
25569-80-6	PCB Congener # 6	0.26	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
33284-50-3	PCB Congener # 7	0.13	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
34883-43-7	PCB Congener # 8	1.1	ng/m3	0.026	7/03/13	7/17/13	Contract SOW
34883-39-1	PCB Congener # 9	0.084	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
33146-45-1	PCB Congener # 10	0.13	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
2050-67-1	PCB Congener # 11.	0.073 U. B-4	ng/m3	0.064	7/03/13	7/17/13	Contract SOW
R4-8000863	PCB Congener # 12 and/or 13	0.036	ng/m3	0.010	7/03/13	7/17/13	Contract SOW
34883-41-5	PCB Congener # 14	0.0051 U	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
2050-68-2	PCB Congener # 15	0.30	ng/m3	0.026	7/03/13	7/17/13	Contract SOW
38444-78-9	PCB Congener # 16	0.43	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
37680-66-3	PCB Congener # 17	0.46	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
R4-8000864	PCB Congener # 18 and/or 30	0.93	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
38444-73-4	PCB Congener # 19	0.27	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
R4-8000865	PCB Congener # 20 and/or 28	0.67	ng/m3	0.026	7/03/13	7/17/13	Contract SOW
R4-8000866	PCB Congener # 21 and/or 33	0.40	ng/m3	0.010	7/03/13	7/17/13	Contract SOW
38444-85-8	PCB Congener # 22	0.23	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
55720-44-0	PCB Congener # 23	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JAA062513

Station ID: J

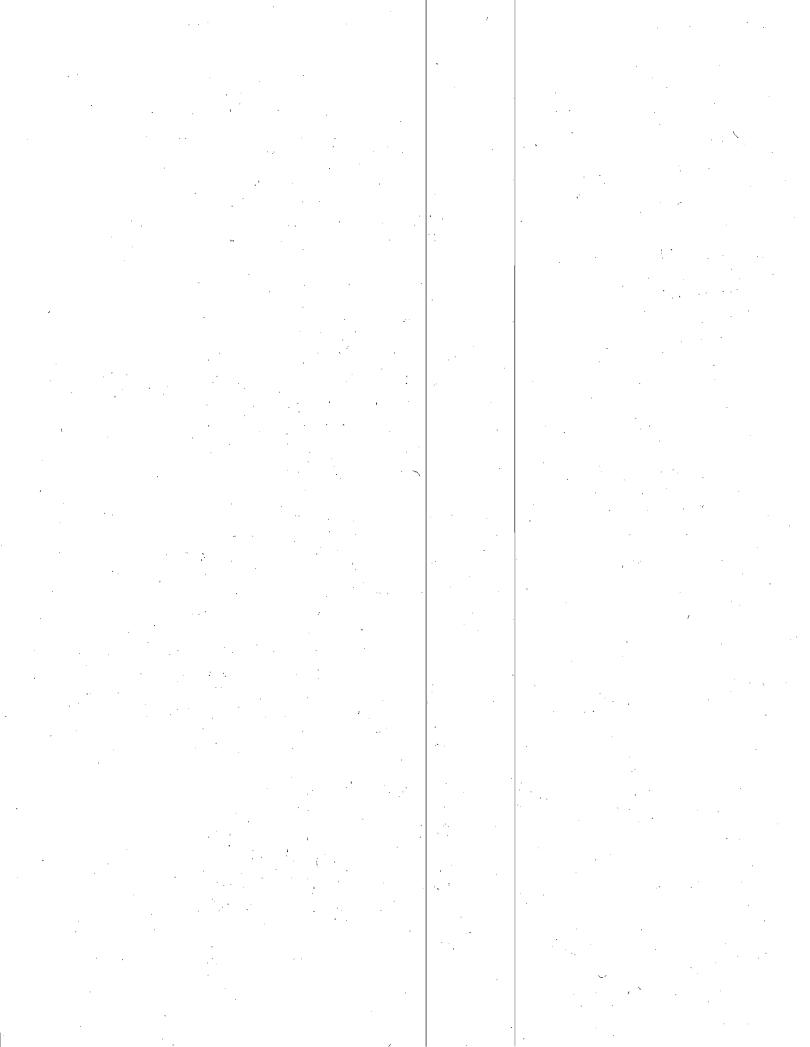
Lab ID: <u>C133003-06</u>

Matrix: Air

Date Collected: 6/25/13 11:00

Number   Paparis   Papar	CAS	ected: 0/25/13 11:00	2012-19-19-19-19-19-19-19-19-19-19-19-19-19-					
15712-37-3   PCB Congener # 25   0.062   ng/m3   0.0026   703/13   717/13   Contract SOW	198	ipuli fe	Results Qualifiers	Units	MRL	Prepared	Analyzed	Medical
R4800367; PCB Congener # 25 and or 29 0.13 ng/m3 0.0051 70373 71713 Contract SOW 38444-76-7 PCB Congener # 27 0.071 ng/m3 0.0026 70313 71713 Contract SOW 16600-692-3 PCB Congener # 32 0.25 ng/m3 0.0026 70313 71713 Contract SOW 77680-8-5 PCB Congener # 34 0.0028 ng/m3 0.0026 70313 71713 Contract SOW 77680-8-5 PCB Congener # 34 0.0028 ng/m3 0.0026 70313 71713 Contract SOW 77680-8-5 PCB Congener # 35 0.0021 U ng/m3 0.0026 70313 71713 Contract SOW 77680-8-5 PCB Congener # 37 0.086 ng/m3 0.0051 70313 71713 Contract SOW 77680-6-6 PCB Congener # 37 0.086 ng/m3 0.0026 70313 71713 Contract SOW 77680-6-6 PCB Congener # 37 0.086 ng/m3 0.0026 70313 71713 Contract SOW 77680-6-1 PCB Congener # 38 0.0026 U ng/m3 0.0026 70313 71713 Contract SOW 77680-6-1 PCB Congener # 39 0.0051 U ng/m3 0.0051 70313 71713 Contract SOW 77680-6-1 PCB Congener # 40 and/or 71 0.14 ng/m3 0.0051 70313 71713 Contract SOW 77680-9-9 PCB Congener # 41 0.035 ng/m3 0.0026 70313 71713 Contract SOW 77680-9-9 PCB Congener # 42 0.14 ng/m3 0.0051 70313 71713 Contract SOW 77680-9-9 PCB Congener # 43 0.015 ng/m3 0.0051 70313 71713 Contract SOW 77680-9-9 PCB Congener # 44 and/or 71 0.14 ng/m3 0.0051 70313 71713 Contract SOW 77680-9-9 PCB Congener # 42 ng/m3 0.0051 70313 71713 Contract SOW 77680-9-9 PCB Congener # 44 and/or 47.05 0.63 ng/m3 0.0051 70313 71713 Contract SOW 77680-9-9 PCB Congener # 45 and/or 51 0.21 ng/m3 0.0051 70313 71713 Contract SOW 77680-9-9 PCB Congener # 45 and/or 51 0.21 ng/m3 0.0051 70313 71713 Contract SOW 77680-9-9 PCB Congener # 45 and/or 51 0.21 ng/m3 0.0051 70313 71713 Contract SOW 77680-9-9 PCB Congener # 45 and/or 51 0.21 ng/m3 0.0051 70313 71713 Contract SOW 77680-9-9 PCB Congener # 45 and/or 51 0.21 ng/m3 0.0051 70313 71713 Contract SOW 77680-9-9 PCB Congener # 45 nd/or 53 0.096 ng/m3 0.0051 70313 71713 Contract SOW 77680-9-9 PCB Congener # 50 nd/or 53 0.096 ng/m3 0.0051 70313 71713 Contract SOW 77680-9-9 PCB Congener # 54 0.0062 ng/m3 0.0066 70313 71713 Contract SOW 77680-9-9 PCB Congener # 55 0.0066 U ng/m3 0.0066 70313 71713 Con	55702-45-9	PCB Congener # 24	0.017	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
16606-92-3   PCB Congener # 27	55712-37-3	PCB Congener # 25	0.062	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
1.0606.06.23   PCB Congener # 31   0.61   10 mg/m3   0.013   705/13   717/13   Contract SOW     38444-77-8   PCB Congener # 32   0.25   10g/m3   0.0026   703/13   717/13   Contract SOW     37680-68-5   PCB Congener # 34   0.0028   10g/m3   0.0026   703/13   717/13   Contract SOW     37680-69-6   PCB Congener # 35   0.0051 U   10g/m3   0.0051   703/13   717/13   Contract SOW     38444-87-0   PCB Congener # 36   0.0051 U   10g/m3   0.0051   703/13   717/13   Contract SOW     38444-90-5   PCB Congener # 37   0.086   10g/m3   0.026   703/13   717/13   Contract SOW     38444-88-1   PCB Congener # 39   0.0051 U   10g/m3   0.0051   703/13   717/13   Contract SOW     38444-88-1   PCB Congener # 39   0.0051 U   10g/m3   0.0051   703/13   717/13   Contract SOW     38444-88-1   PCB Congener # 40 and/or 71   0.14   10g/m3   0.0051   703/13   717/13   Contract SOW     36559-22-5   PCB Congener # 41   0.035   10g/m3   0.0051   703/13   717/13   Contract SOW     46559-22-5   PCB Congener # 42   0.11   10g/m3   0.0051   703/13   717/13   Contract SOW     70362-46-8   PCB Congener # 43   0.015   10g/m3   0.0051   703/13   717/13   Contract SOW     70362-46-8   PCB Congener # 45   0.015   10g/m3   0.0051   703/13   717/13   Contract SOW     70362-46-8   PCB Congener # 45   0.015   10g/m3   0.0051   703/13   717/13   Contract SOW     70362-47-9   PCB Congener # 45   0.015   10g/m3   0.0051   703/13   717/13   Contract SOW     70362-47-9   PCB Congener # 45   0.006   10g/m3   0.0051   703/13   717/13   Contract SOW     70362-47-9   PCB Congener # 45   0.006   10g/m3   0.0051   703/13   717/13   Contract SOW     70362-47-9   PCB Congener # 45   0.006   10g/m3   0.0051   703/13   717/13   Contract SOW     70362-47-9   PCB Congener # 50   0.044   10g/m3   0.0051   703/13   717/13   Contract SOW     70362-47-9   PCB Congener # 55   0.0060   10g/m3   0.0051   703/13   717/13   Contract SOW     70362-47-9   PCB Congener # 55   0.0060   10g/m3   0.0060   703/13   717/13   Contract SOW     70362-47-9   PCB Congener # 56   0.044   10g/m	R4-8000867	PCB Congener # 26 and/or 29	0.13	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
38444-77-8         PCB Congener # 32         0.25         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           37680-68-5         PCB Congener # 34         0.0028         ng/m3         0.0021         7/03/13         7/17/13         Contract SOW           37680-69-6         PCB Congener # 35         0.0051         U         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           38444-87-0         PCB Congener # 37         0.086         ng/m3         0.026         7/03/13         7/17/13         Contract SOW           38444-88-1         PCB Congener # 39         0.0026 U         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           8448-001051         PCB Congener # 40 and/or 71         0.14         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           848-801051         PCB Congener # 41         0.035         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           848-800869         PCB Congener # 43         0.015         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           84-800869         PCB Congener # 45         nd/or 5         0.63         ng/m3         0.0	38444-76-7	PCB Congener # 27	0.071	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
17680-68-5   PCB Congener # 34   0.0028   rog/m3   0.0026   7/03/13   7/17/13   Contract SOW     37680-69-6   PCB Congener # 35   0.0051   U   ng/m3   0.0051   7/03/13   7/17/13   Contract SOW     38444-91-0   PCB Congener # 36   0.0051   U   ng/m3   0.0051   7/03/13   7/17/13   Contract SOW     38444-90-5   PCB Congener # 37   0.086   ng/m3   0.026   7/03/13   7/17/13   Contract SOW     38444-98-1   PCB Congener # 38   0.0026   U   ng/m3   0.0026   7/03/13   7/17/13   Contract SOW     38444-88-1   PCB Congener # 49   0.0051   U   ng/m3   0.0051   7/03/13   7/17/13   Contract SOW     38444-88-1   PCB Congener # 40 and/or 71   0.14   ng/m3   0.0051   7/03/13   7/17/13   Contract SOW     36559-22-5   PCB Congener # 41   0.035   ng/m3   0.0026   7/03/13   7/17/13   Contract SOW     36559-22-5   PCB Congener # 42   0.114   ng/m3   0.0051   7/03/13   7/17/13   Contract SOW     70362-46-8   PCB Congener # 43 and/or 47,65   0.63   ng/m3   0.0051   7/03/13   7/17/13   Contract SOW     44464-47-5   PCB Congener # 48 and/or 51   0.21   ng/m3   0.0051   7/03/13   7/17/13   Contract SOW     70362-47-9   PCB Congener # 48   0.0037   ng/m3   0.0051   7/03/13   7/17/13   Contract SOW     70362-47-9   PCB Congener # 48   0.0037   ng/m3   0.0051   7/03/13   7/17/13   Contract SOW     70362-47-9   PCB Congener # 48   0.0090   ng/m3   0.0051   7/03/13   7/17/13   Contract SOW     70362-47-9   PCB Congener # 49   0.0062   ng/m3   0.0051   7/03/13   7/17/13   Contract SOW     70468-000872   PCB Congener # 50   0.0062   ng/m3   0.0051   7/03/13   7/17/13   Contract SOW     70468-000872   PCB Congener # 50   0.0062   ng/m3   0.0051   7/03/13   7/17/13   Contract SOW     70468-000872   PCB Congener # 54   0.0062   ng/m3   0.0051   7/03/13   7/17/13   Contract SOW     70468-000872   PCB Congener # 54   0.0062   ng/m3   0.0051   7/03/13   7/17/13   Contract SOW     70468-000872   PCB Congener # 56   0.0044   ng/m3   0.0050   7/03/13   7/17/13   Contract SOW     70468-000872   PCB Congener # 56   0.0044   ng/m3   0.0050   7/03/13   7/	16606-02-3	PCB Congener # 31	0.61	ng/m3	0.013	7/03/13	7/17/13	Contract SOW
37680-69-6   PCB Congener # 35   0.0051 U   ng/m3   0.0051   7/03/13   7/17/13   Contract SOW     38444-82-0   PCB Congener # 36   0.0051 U   ng/m3   0.0051   7/03/13   7/17/13   Contract SOW     38444-90-5   PCB Congener # 37   0.086   ng/m3   0.026   7/03/13   7/17/13   Contract SOW     38444-90-5   PCB Congener # 38   0.0026 U   ng/m3   0.0026   7/03/13   7/17/13   Contract SOW     38444-88-1   PCB Congener # 39   0.0051 U   ng/m3   0.0051   7/03/13   7/17/13   Contract SOW     38444-88-1   PCB Congener # 40 and/or 71   0.14   ng/m3   0.0051   7/03/13   7/17/13   Contract SOW     44563-59-9   PCB Congener # 41   0.035   ng/m3   0.0026   7/03/13   7/17/13   Contract SOW     36559-22-5   PCB Congener # 42   10.11   ng/m3   0.0026   7/03/13   7/17/13   Contract SOW     70362-46-8   PCB Congener # 43   0.015   ng/m3   0.0051   7/03/13   7/17/13   Contract SOW     70362-46-8   PCB Congener # 43   0.015   ng/m3   0.0051   7/03/13   7/17/13   Contract SOW     70446-900869   PCB Congener # 44   0.035   ng/m3   0.0076   7/03/13   7/17/13   Contract SOW     70446-900869   PCB Congener # 45   and/or 51   0.21   ng/m3   0.0076   7/03/13   7/17/13   Contract SOW     70462-47-9   PCB Congener # 48   0.090   ng/m3   0.0026   7/03/13   7/17/13   Contract SOW     70362-47-9   PCB Congener # 48   0.090   ng/m3   0.0026   7/03/13   7/17/13   Contract SOW     70462-47-9   PCB Congener # 48   0.090   ng/m3   0.0051   7/03/13   7/17/13   Contract SOW     70488-000872   PCB Congener # 50   and/or 53   0.096   ng/m3   0.0051   7/03/13   7/17/13   Contract SOW     70488-000872   PCB Congener # 50   and/or 53   0.096   ng/m3   0.0026   7/03/13   7/17/13   Contract SOW     70488-000872   PCB Congener # 50   and/or 53   0.096   ng/m3   0.0026   7/03/13   7/17/13   Contract SOW     70488-000872   PCB Congener # 50   and/or 53   0.096   ng/m3   0.0026   7/03/13   7/17/13   Contract SOW     70488-000872   PCB Congener # 50   and/or 53   0.096   ng/m3   0.0026   7/03/13   7/17/13   Contract SOW     70488-000872   PCB Congener # 50   and/	38444-77-8	PCB Congener # 32	0.25	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
3844-87-0 PCB Congener # 36 0.0051 U ng/m3 0.0051 7/05/13 7/17/13 Contract SOW 38444-90-5 PCB Congener # 37 0.086 ng/m3 0.026 7/03/13 7/17/13 Contract SOW 38444-90-5 PCB Congener # 38 0.0026 U ng/m3 0.0056 7/03/13 7/17/13 Contract SOW 38444-88-1 PCB Congener # 39 0.0051 U ng/m3 0.0051 7/03/13 7/17/13 Contract SOW 38444-88-1 PCB Congener # 49 and/or 71 0.14 ng/m3 0.0051 7/03/13 7/17/13 Contract SOW 52663-59-9 PCB Congener # 41 0.035 ng/m3 0.0056 7/03/13 7/17/13 Contract SOW 36559-22-5 PCB Congener # 42 0.1E ng/m3 0.0055 7/03/13 7/17/13 Contract SOW 7/0362-46-8 PCB Congener # 43 0.015 ng/m3 0.0051 7/03/13 7/17/13 Contract SOW 7/0362-46-8 PCB Congener # 44 and/or 47.65 0.63 ng/m3 0.0051 7/03/13 7/17/13 Contract SOW 8/48600869 PCB Congener # 45 and/or 51 0.21 ng/m3 0.0051 7/03/13 7/17/13 Contract SOW 7/0362-47-9 PCB Congener # 48 0.090 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 7/0362-47-9 PCB Congener # 48 0.090 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 7/0362-47-9 PCB Congener # 48 0.090 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 7/0362-47-9 PCB Congener # 48 0.090 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 7/0362-47-9 PCB Congener # 49 and/or 69 0.29 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 7/0362-47-9 PCB Congener # 50 and/or 53 0.096 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 7/0368-0-5 PCB Congener # 50 and/or 53 0.096 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 7/0388-24-2 PCB Congener # 50 and/or 53 0.096 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 7/0388-24-2 PCB Congener # 50 0.0026 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 7/0388-24-2 PCB Congener # 50 0.0026 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 7/0388-24-2 PCB Congener # 56 0.004 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 7/0388-24-2 PCB Congener # 58 0.0026 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 7/0388-24-2 PCB Congener # 58 0.0026 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 7/0388-24-2 PCB Congener # 58 0.0026 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 7/0388-24-2 PCB Congener # 58 0.0026 Ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 7/0388-24-2 PCB Congener	37680-68-5	PCB Congener # 34	0.0028	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
38444-90-5         PCB Congener # 37         0.086         ng/m3         0.026         7/03/13         7/17/13         Contract SOW           53555-66-1         PCB Congener # 39         0.0026 U         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           38444-88-1         PCB Congener # 49         0.0051 U         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           8448001051         PCB Congener # 40 and/or 71         0.14         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           52663-59-9         PCB Congener # 41         0.035         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           70362-46-8         PCB Congener # 43         0.015         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           84-8000869         PCB Congener # 44 and/or 47,65         0.63         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           84-8000870         PCB Congener # 46         0.037         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           84-8000871         PCB Congener # 48         0.090         ng/m3         0.0026         7/03/13<	37680-69-6	PCB Congener # 35	0.0051 U	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
53555-66-1         PCB Congener # 38         0.0026 U         hg/m3         0.0026         7/03/13         7/17/13         Contract SOW           38444-88-1         PCB Congener # 39         0.0051 U         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           R4-80010S1         PCB Congener # 40 and/or 71         0.14         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           52663-59-9         PCB Congener # 41         0.035         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           36559/22-5         PCB Congener # 42         0.11         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           7/03/24-6-8         PCB Congener # 43         0.015         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           R4-8000869         PCB Congener # 44 and/or 47,65         0.63         ng/m3         0.0076         7/03/13         7/17/13         Contract SOW           R4-8000870         PCB Congener # 45 and/or 51         0.21         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           7/0362-47-9         PCB Congener # 48         0.0037         ng/m3         0.0026	38444-87-0	PCB Congener # 36	0.0051 U	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
38444-88-1         PCB Congener # 39         0.0051 U         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           R4:5001051         PCB Congener # 40 and/or 71         0.14         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           52663-59-9         PCB Congener # 41         0.035         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           36559-22.5         PCB Congener # 42         0.14         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           7/0362-46-8         PCB Congener # 43         0.015         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           R4-8000869         PCB Congener # 44 and/or 47.65         0.63         ng/m3         0.0076         7/03/13         7/17/13         Contract SOW           R4-8000870         PCB Congener # 45 and/or 51         0.21         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           7/0362-47-9         PCB Congener # 48         0.090         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           R4-8000871         PCB Congener # 49 and/or 69         0/29         ng/m3         0.0051	38444-90-5	PCB Congener # 37	0.086	ng/m3	0.026	7/03/13	7/17/13	Contract SOW
R4-8001051 PCB Congener # 40 and/or 71 0,14 ng/m3 0,0051 7/03/13 7/17/13 Contract SQW 52663-59-9 PCB Congener # 41 0,035 ng/m3 0,0026 7/03/13 7/17/13 Contract SQW 36559-22-5 PCB Congener # 42 0,141 ng/m3 0,0051 7/03/13 7/17/13 Contract SQW 70362-46-8 PCB Congener # 43 0,015 ng/m3 0,0051 7/03/13 7/17/13 Contract SQW R4-8000869 PCB Congener # 44 and/or 47,65 0.63 ng/m3 0,0051 7/03/13 7/17/13 Contract SQW R4-8000870 PCB Congener # 45 and/or 51 0.21 ng/m3 0,0051 7/03/13 7/17/13 Contract SQW 41464-47-5 PCB Congener # 46 0,037 ng/m3 0,0026 7/03/13 7/17/13 Contract SQW 70362-47-9 PCB Congener # 48 0,090 ng/m3 0,0026 7/03/13 7/17/13 Contract SQW R4-8000871 PCB Congener # 49 and/or 69 0.29 ng/m3 0,0051 7/03/13 7/17/13 Contract SQW 703693-99-3 PCB Congener # 50 and/or 53 0,096 ng/m3 0,0051 7/03/13 7/17/13 Contract SQW 7438-24-2 PCB Congener # 55 0,0062 ng/m3 0,0026 7/03/13 7/17/13 Contract SQW 7438-24-2 PCB Congener # 56 0,0044 ng/m3 0,0051 7/03/13 7/17/13 Contract SQW 7044-67-8 PCB Congener # 57 0,0026 U ng/m3 0,0026 7/03/13 7/17/13 Contract SQW 7044-67-8 PCB Congener # 58 0,0026 U ng/m3 0,0026 7/03/13 7/17/13 Contract SQW 7044-67-8 PCB Congener # 58 0,0026 U ng/m3 0,0026 7/03/13 7/17/13 Contract SQW 7044-67-8 PCB Congener # 58 0,0026 U ng/m3 0,0026 7/03/13 7/17/13 Contract SQW 7044-67-8 PCB Congener # 58 0,0026 U ng/m3 0,0026 7/03/13 7/17/13 Contract SQW 7044-67-8 PCB Congener # 58 0,0026 U ng/m3 0,0026 7/03/13 7/17/13 Contract SQW 7044-67-8 PCB Congener # 58 0,0026 U ng/m3 0,0026 7/03/13 7/17/13 Contract SQW 7044-67-8 PCB Congener # 58 0,0026 U ng/m3 0,0026 7/03/13 7/17/13 Contract SQW 7044-67-8 PCB Congener # 58 0,0026 U ng/m3 0,0026 7/03/13 7/17/13 Contract SQW 7044-67-8 PCB Congener # 58 0,0026 U ng/m3 0,0026 7/03/13 7/17/13 Contract SQW 7044-67-8 PCB Congener # 58 0,0026 U ng/m3 0,0026 7/03/13 7/17/13 Contract SQW 7044-67-8 PCB Congener # 58 0,0026 U ng/m3 0,0026 7/03/13 7/17/13 Contract SQW 7044-67-8 PCB Congener # 58 0,0026 U ng/m3 0,0026 7/03/13 7/17/13 Contract SQW	53555-66-1	PCB Congener # 38	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
52663-59-9         PCB Congener # 41         0.035         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           36559-22-5         PCB Congener # 42         0.11         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           70362-46-8         PCB Congener # 43         0.015         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           R4-8000869         PCB Congener # 44 and/or 47/65         0.63         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           R4-8000870         PCB Congener # 45         0.21         ng/m3         0.0025         7/03/13         7/17/13         Contract SOW           41464-47-5         PCB Congener # 46         0.037         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           70362-47-9         PCB Congener # 48         0.090         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           R4-8000871         PCB Congener # 49 and/or 69         0/29         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           R4-8000872         PCB Congener # 50 and/or 53         0.096         ng/m3         0.0051         7/03/	38444-88-1	PCB Congener # 39	0.0051 U	ng/m3	. 0.0051	7/03/13	7/17/13	Contract SOW
36559-22.5         PCB Congener # 42         0.1-1         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           70362-46-8         PCB Congener # 43         0.015         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           R4-8000869         PCB Congener # 44 and/or 47.65         0.63         ng/m3         0.0076         7/03/13         7/17/13         Contract SOW           R4-8000870         PCB Congener # 45 and/or 51         0.21         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           41464-47-5         PCB Congener # 46         0.037         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           70362-47-9         PCB Congener # 48         0.090         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           R4-8000871         PCB Congener # 50 and/or 53         0.096         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           R4-8000872         PCB Congener # 50         0.48         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           15968-05-5         PCB Congener # 54         0.0062         ng/m3         0.0026         7/0	R4-8001051	PCB Congener # 40 and/or 71	0.14	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
70362-46-8         PCB Congener # 43         0.015         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           R4-8000869         PCB Congener # 44 and/or 47.65         0.63         ng/m3         0.0076         7/03/13         7/17/13         Contract SOW           R4-8000870         PCB Congener # 45 and/or 51         0.21         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           41464-47-5         PCB Congener # 46         0.037         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           70362-47-9         PCB Congener # 48         0.090         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           R4-8000871         PCB Congener # 49 and/or 69         0.29         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           R4-8000872         PCB Congener # 50 and/or 53         0.096         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           35693-99-3         PCB Congener # 52         0.48         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           74338-24-2         PCB Congener # 54         0.0062         ng/m3         0.0026	52663-59-9	PCB Congener # 41	0.035	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
R4-8000869 PCB Congener # 44 and/or 47.65 0.63 ng/m3 0.0076 7/03/13 7/17/13 Contract SOW  R4-8000870 PCB Congener # 45 and/or 51 0.21 ng/m3 0.0051 7/03/13 7/17/13 Contract SOW  41464-47-5 PCB Congener # 46 0.037 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW  70362-47-9 PCB Congener # 48 0.090 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW  R4-8000871 PCB Congener # 49 and/or 69 0.29 ng/m3 0.0051 7/03/13 7/17/13 Contract SOW  R4-8000872 PCB Congener # 50 and/or 53 0.096 ng/m3 0.0051 7/03/13 7/17/13 Contract SOW  35693-99-3 PCB Congener # 52 0.48 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW  15968-05-5 PCB Congener # 54 0.0062 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW  74338-24-2 PCB Congener # 55 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW  74464-43-1 PCB Congener # 56 0.044 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW  70424-67-8 PCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW	36559-22-5	PCB Congener # 42	0.11	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
R4-800870 PCB Congener # 45 and/or 51 0.21 ng/m3 0.0051 7/03/13 7/17/13 Contract SOW 41464-47-5 PCB Congener # 46 0.037 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 70362-47-9 PCB Congener # 48 0.090 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW R4-8000871 PCB Congener # 49 and/or 69 0.29 ng/m3 0.0051 7/03/13 7/17/13 Contract SOW R4-8000872 PCB Congener # 50 and/or 53 0.096 ng/m3 0.0051 7/03/13 7/17/13 Contract SOW 35693-99-3 PCB Congener # 52 0.48 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 15968-05-5 PCB Congener # 54 0.0062 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 15968-05-5 PCB Congener # 55 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 1464-43-1 PCB Congener # 56 0.044 ng/m3 0.0051 7/03/13 7/17/13 Contract SOW 7/0424-67-8 PCB Congener # 57 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 1464-49-7 PCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 1464-49-7 PCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 1464-49-7 PCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 1464-49-7 PCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 1464-49-7 PCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 1464-49-7 PCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW	70362-46-8	PCB Congener # 43	0.015	ng/m3	0.0051	7/03/13	`7/17/13	Contract SOW
41464-47-5 PCB Congener # 46 0:037 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 7/0362-47-9 PCB Congener # 48 0.090 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW R4-8000871 PCB Congener # 49 and/or 69 0.29 ng/m3 0.0051 7/03/13 7/17/13 Contract SOW R4-8000872 PCB Congener # 50 and/or 53 0.096 ng/m3 0.0051 7/03/13 7/17/13 Contract SOW 35693-99-3 PCB Congener # 52 0.48 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 15968-05-5 PCB Congener # 54 0.0062 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 74338-24-2 PCB Congener # 55 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 14464-43-1 PCB Congener # 56 0.044 ng/m3 0.0051 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 57 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW	R4-8000869	PCB Congener # 44 and/or 47,65	0.63 colleges Tables	ng/m3	0.0076	7/03/13	7/17/13	_Contract SOW
70362-47-9         PCB Congener # 48         0.090         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           R4-8000871         PCB Congener # 49 and/or 69   0.29         0.29         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW   1           R4-8000872         PCB Congener # 50 and/or 53         0.096         ng/m3         0.0051         7/03/13         7/17/13         Contract SOW           35693-99-3         PCB Congener # 52         0.48         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           15968-05-5         PCB Congener # 54         0.0062         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           74338-24-2         PCB Congener # 55         0.0026         0.0044         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           41464-43-1         PCB Congener # 57         0.0026.1         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW           41464-49-7         PCB Congener # 58         0.0026 U         ng/m3         0.0026         7/03/13         7/17/13         Contract SOW	R4-8000870	PCB Congener # 45 and/or 51	0.21	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
R4-8000871 PCB Congener # 49 and/or 69 0.29 ng/m3 0.0051 7/03/13 7/17/13 Contract SOW # R4-8000872 PCB Congener # 50 and/or 53 0.096 ng/m3 0.0051 7/03/13 7/17/13 Contract SOW # R4-8000872 PCB Congener # 52 0.48 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW # RCB Congener # 54 0.0062 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW # RCB Congener # 55 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW # RCB Congener # 55 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW # RCB Congener # 56 0.044 ng/m3 0.0051 7/03/13 7/17/13 Contract SOW # RCB Congener # 57 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW # RCB Congener # 57 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW # RCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW # RCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW # RCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW # RCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW # RCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW # RCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW # RCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW # RCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW # RCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW # RCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW # RCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW # RCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW # RCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW # RCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW # RCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW # RCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW # RCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 CONTRACT SOW # RCB CONGENER # RCB CONGENER # RCB CONGENER # RCB CONGENER # RCB CONGENER # RCB CONGENER # RCB CONGENER # RCB CONGENER # RCB CONGENER # RCB CONGENER # RCB CONGENER	41464-47-5	PCB Congener # 46	0.037	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
R4-800872 PCB Congener # 50 and/or 53 0.096 ng/m3 0.0051 7/03/13 7/17/13 Contract SOW 35693-99-3 PCB Congener # 52 0.48 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 15968-05-5 PCB Congener # 54 0.0062 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 74338-24-2 PCB Congener # 55 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 1464-43-1 PCB Congener # 56 0.044 ng/m3 0.0051 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 57 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 1464-49-7 PCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 1464-49-7 PCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW	70362-47-9	PCB Congener # 48	0.090	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
35693-99-3 PCB Congener # 52 0.48 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 15968-05-5 PCB Congener # 54 0.0062 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 74338-24-2 PCB Congener # 55 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 41464-43-1 PCB Congener # 56 0.044 ng/m3 0.0051 7/03/13 7/17/13 Contract SOW 70424-67-8 PCB Congener # 57 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 41464-49-7 PCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW	R4-8000871	PCB Congener # 49 and/or 69	0.29	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW +
15968-05-5     PCB Congener # 54     0.0062     ng/m3     0.0026     7/03/13     7/17/13     Contract SOW       74338-24-2     PCB Congener # 55     0.0026 U     ng/m3     0.0026     7/03/13     7/17/13     Contract SOW       41464-43-1     PCB Congener # 56     0.044     ng/m3     0.0051     7/03/13     7/17/13     Contract SOW       70424-67-8     PCB Congener # 57     0.0026 U     ng/m3     0.0026     7/03/13     7/17/13     Contract SOW       41464-49-7     PCB Congener # 58     0.0026 U     ng/m3     0.0026     7/03/13     7/17/13     Contract SOW	R4-8000872	PCB Congener # 50 and/or 53	0.096	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
74338-24-2 PCB Congener #-55	35693-99-3	PCB Congener # 52	_0.48	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
41464-43-1 PCB Congener # 56 0.044 ng/m3 0.0051 7/03/13 7/17/13 Contract SOW 7/0424-67-8 PCB Congener # 57 0.0026_1J ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 41464-49-7 PCB Congener # 58 0.0026_U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW	15968-05-5	PCB Congener # 54	0.0062	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
70424-67-8 PCB Congener # 57 0.0026-1 ng/m3 0.0026 7/03/13 7/17/13 Contract SOW 41464-49-7 PCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW	74338-24-2	PCB Congener # 55	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
41464-49-7 PCB Congener # 58 0.0026 U ng/m3 0.0026 7/03/13 7/17/13 Contract SOW	41464-43-1	PCB Congener # 56	0.044	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
	70424-67-8	PCB Congener # 57	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
R4-8000873 PCB Congener # 59 and/or 62,75 0.032 ng/m3 0.0076 7/03/13 7/17/13 Contract SOW	41464-49-7	PCB Congener # 58	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
	R4-8000873	PCB Congener # 59 and/or 62,75	0.032	ng/m3	0.0076	7/03/13	7/17/13	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

### **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JAA062513

Station ID:  $\underline{J}$ 

Lab ID: <u>C133003-06</u>

Matrix: Air

Date Collected: 6/25/13 11:00

Date Colle	ected: 6/25/13 11:00						
CAS Number	Analyte	Résults Qualifiers	Units -	MRL	Prepared	Inalyzed	Method is a second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the seco
33025-41-1	PCB Congener # 60	0.024	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
R4-8000874	PCB Congener # 61 and/or 70,74,76	0.19	ng/m3	0.010	7/03/13	7/17/13	Contract SOW
74472-34-7	PCB Congener # 63	0.0064 U	ng/m3	0.0064	7/03/13	7/17/13	Contract/SOW
52663-58-8	PCB Congener # 64	0.15	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
32598-10-0	PCB Congener # 66	0.098	ng/m3	0.0064	7/03/13	7/17/13	Contract SOW
73575-53-8	PCB Congener # 67	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
73575-52-7	PCB Congener # 68	0.038	/ ng/m3:	0:0026	7/03/13	7/17/13	Contract SOW
41464-42-0	PCB Congener # 72	0.0051 U	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
74338-23-1	PCB Congener #-73	0.0026.U = 0.29	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
32598-13-3	PCB Congener # 77	0.0064	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
70362-49-1	PCB Congener # 78	0.0026 U	ng/m3 '	0.0026	7/03/13	7/17/13	Contract SOW
41464-48-6	PCB Congener # 79	0.0051 U	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
33284-52-5	PCB Congener # 80	0.0051 U	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
70362-50-4	PCB Congener # 81	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
52663-62-4	PCB Congener # 82	0.0094	ng/m3	0:0064	7/03/13	* 7/17/13	- Contract SOW
60145-20-2	PCB Congener # 83	0.0057	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
52663-60-2	PCB Congener #84	0.037	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
R4-8000876	PCB Congener # 85 and/or 116,117	0.018	ng/m3	0.0076	7/03/13	7/17/13	Contract SOW
E52450707	PCB Congener # 86 and/or and the second	0.065	ng/m3i	0.015	7/03/13	7/17/13	Contract SOW
D4 0000070	87:97:109:119:125	0.025	/3	0.0061		~~	
R4-8000878	PCB Congener # 88 and/or 91	0.025	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
73575-57-2	PCB Congener # 89	0.0031	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
R4-8000879	PCB Congener # 90 and/or 101,113	0.11	ng/m3	0.0076	7/03/13	7/17/13	Contract SOW
52663-61-3	PCB Congener # 92	0.022	ng/m3 🚉	0.0026	7/03/13	<i>-11171</i> 13	Contract SOW
R4-8001052	PCB Congener # 93 and/or 100	0.0051 U	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
73575-55-0	PCB Congener # 94	0.0026 U	.ng/m3# -	0.0026	7/03/13	7/17/13	Contract SOW
38379-99-6	PCB Congener # 95	0.13	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
73575-54-9	PCB Congener #96	0.0031	eym3	0.0026	7/03/13	7/17/13	Contract SOW
R4-8001056	PCB Congener # 98 and/or 102	0.0076	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

### **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JAA062513

Station ID: <u>J</u>

Lab ID: C133003-06

Matrix: Air

Date Collected: 6/25/13 11:00

64S							
Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Methad
38380-01-7	PCB Congener # 99	0.056	ng/m3	0.0026	7/03/13	7/17/13/	Contract SOW -
60145-21-3	PCB Congener #103	· 0.0064 U	ng/m3	0.0064	7/03/13	7/17/13	Contract SOW
56558-16-8	PCB Congener #104	0.0026 U	ng/m3	. 0.0026	7/03/13	7/17/13	Contract SOW
32598-14-4	PCB Congener #105	0.016	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
70424-69-0	PCB Congener #106	0.0026 U	ng/m3	0:0026	7/03/13	7/17/13	Contract SOW
70424-68-9	PCB Congener #107	0.0051 U	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
R4-8001053	PCB Congener #108 and/or 124	0:0051 Ü	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
R4-8000882	PCB Congener #110 and/or 115	0.091	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
39635-32-0	A.PCB.Congener #[[년]	0.0026 U	ng/m3	0.0026	-7/03/13	7/17/13	Contract SOW Fig.
. 74472-36-9	PCB Congener #112	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
74472-37-0	PCB Congener #114.	0.0026 リディー	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW,
31508-00-6	PCB Congener #118	0.042	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
68194-12-7	PCB Congener #120	0.002 <b>6</b> U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
56558-18-0	PCB Congener #121	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
76842-07-4	PCB Congener #122	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
65510-44-3	PCB Congener #123	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
57465-28-8	PCB Congener #126	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
39635-33-1	PCB Congener #127	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
R4-8000883	PCB Congener #128 and/or 166	0.0051 U	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
R4-8001054	PCB Congener #129 and/or 138,163	0.039	ng/m3	0.0076	7/03/13	.7/17/13	Contract SOW
52663-66-8	PCB Congener #130	9.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
61798-70-7	PCB Congener #131	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
38380-05-1	PCB Congener #132	0.018	ng/m3	0:0026	7/03/13	7/17/13	Contract SOW
35694-04-3	PCB Congener #133	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
52704-70-8	PCB Congener #134	0.0026	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
R4-8001055	PCB Congener #135 and/or 151	0.028	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
38411-22-2	PCB Congener #136	0.012	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
35694-06-5	PCB Congener #137	0.0026	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
· R4-8000887	PCB Congener #139 and/or 140	0.0051 U	ng/m3	0 0051	7/03/13	7/17/13	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

### **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JAA062513

Station ID:  $\underline{\mathbf{J}}$ 

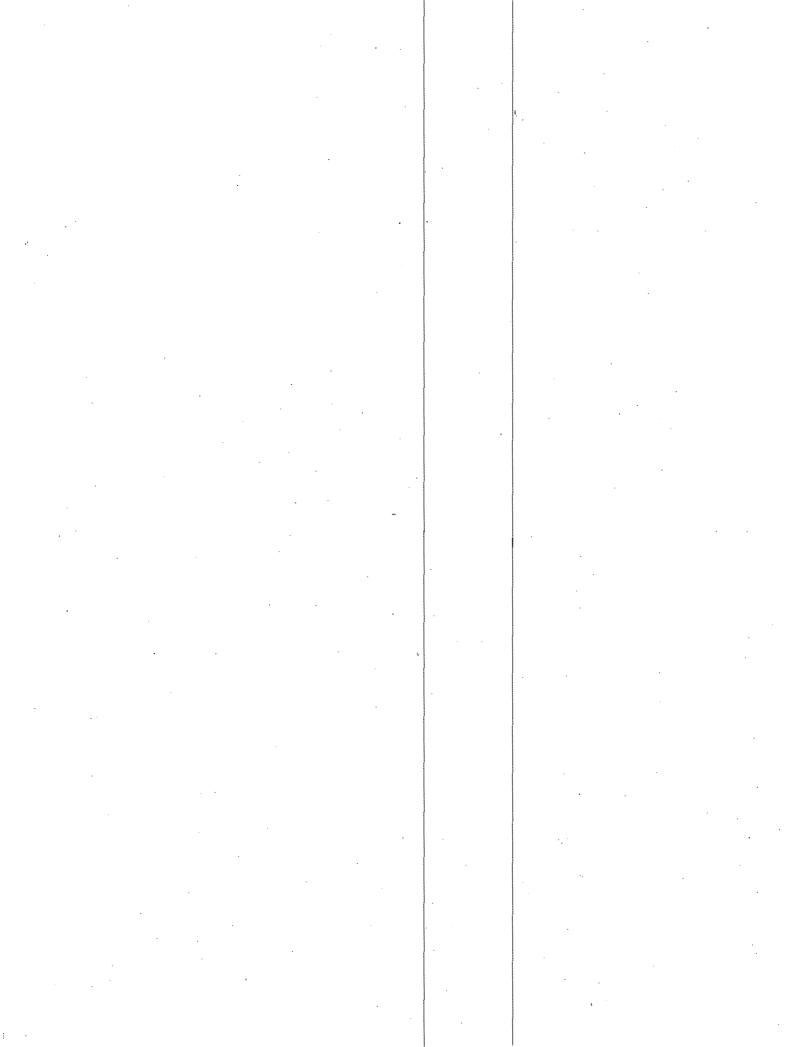
Lab ID: <u>C133003-06</u>

Matrix: Air

Date Collected: 6/25/13 11:00

Date Coll	ected: 6/25/13 11:00						
CAS Number	Andyte = 3.	Results Qualifiers	Units	MRL	Prepured	Analyzed	Method was
52712-04-6	PCB/Congener #141	0.0087	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
41411-61-4	PCB Congener #142	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
68194-15-0	PCB Congener #143	. 0.0026 U.≘	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW,
68194-14-9	PCB Congener #144	0.0039	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
74472-40-5	PCB Congener #145	0.0026 ₺/	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
51908-16-8	PCB Congener #146	0.0075 .	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
R4-8000888	PCB Congener #147 and/or 149	F 0.053 製 集 編 基 基	ng/m3	0.010	7/03/13	7/17/13	Contract SOW
74472-41-6	PCB Congener #148	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
68194-08-1	PCB Congener #150	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
68194-09-2	PCB Congener #152	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
R4-8000889	PCB Congener #153 and/or 168	0.042	ng/m3	0.010	7/03/13	7/17/13	Contract SOW
60145-22-4	PCB Congener #154	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
33979-03-2	PCB Congener #155	0.0026 U	ng/m3	0.0026	7/03/13	-7/17/13	Contract SOW
R4-8000890	PCB Congener #156 and/or 157	0.0051 U	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW .
74472-42-7	PCB Congener #158	0.0039	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW.
39635-35-3	PCB Congener #159	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
41411-62-5	PCB Congener #160	0:0026:Up	ng/m3	0:0026	7/03/13	7/17/13	Contract SOW
74472-43-8	PCB Congener #161	0.0026 U .	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
39635-34-2	PCB Congener #162	0:0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
74472-45-0	PCB Congener #164	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
74472-46-1	PCB Congener #165	0.0026 Ŭ	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
52663-72-6	PCB Congener #167	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
32774-16-6	PCB Congener #169	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
35065-30-6	PCB Congener #170	0.0031	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
R4-8000891	PCB Congener #171 and/or 173	0.0051 U	ng/m3	0.0051	7/03/13	,7/17/13	Contract SOW
52663-74-8	PCB Congener #172	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
38411-25-5	PCB Congener #1.74	0.0078	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
40186-70-7	PCB Congener #175	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
52663-65-7	PCB Congener #176	0:0026 U	ng/m3 / 🖖	0.0026	7/03/13	7/17/13	Contract SOW
				The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s			

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB Aroclors**

Project: 13-0363, Anniston PCB Air Study

Sample ID: JAA062513

Station ID: <u>J</u>

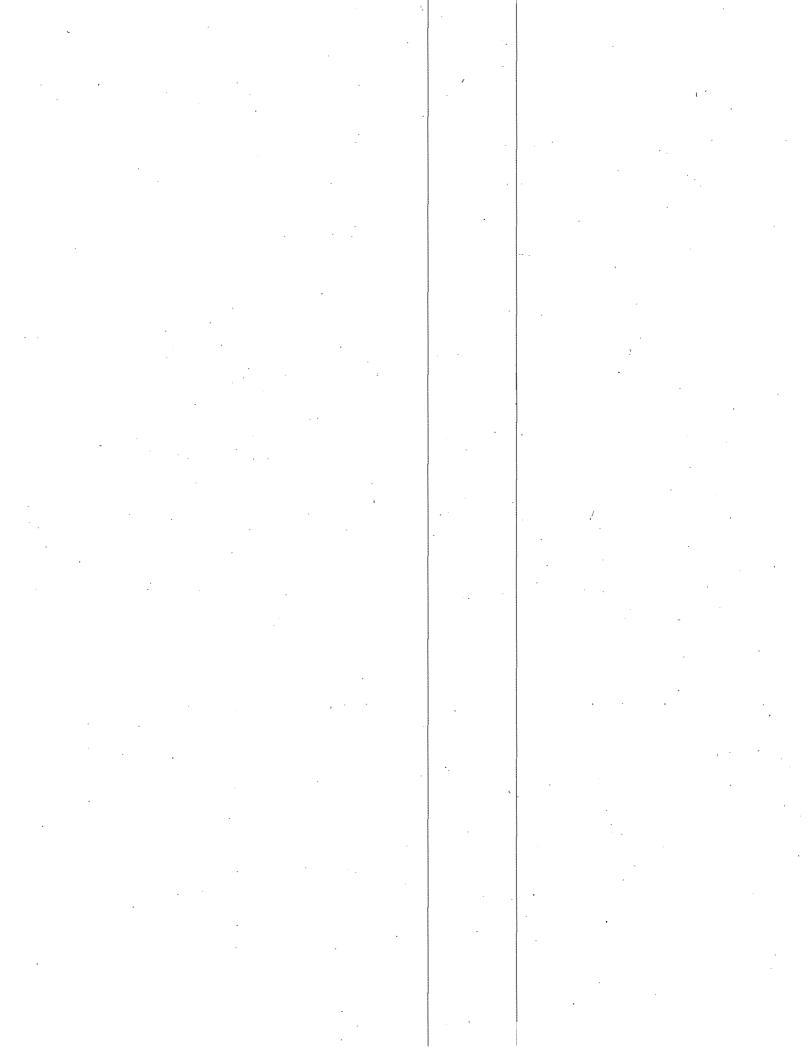
Lab ID: C133003-06

Matrix: Air

Date Collected: 6/25/13 11:00

CAS			4.5	146		4.4	
Number	Analyte	Results Qualifiers	Units	MRE	Prepared	Analyzed	Method
52663-70-4	PCB Congener #177	0.0040	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
52663-67-9	PCB Congener #178	. 0.0030	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
52663-64-6	PCB Congener #179	0.0078	лg/m3.	0.0026	7/03/13	7/17/13	Contract SOW
R4-8000892	PCB Congener #180 and/or 193	0.011	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
74472-47-2	PCB Congener #181	0.00264U/	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
60145-23-5	PCB Congener #182	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
R4-8000893	PCB Congener #183 and/or 185	0.0067	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
74472-48-3	PCB Congener #184	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
74472-49-4	PCB Congener #186	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
52663-68-0.	PCB Congener #187	0.016	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
74487-85-7	PCB Congener #188	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
39635-31-9	PCB Congener #189	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
41411-64-7	PCB Congener #190	0.0026 ∪	ng/m3	9 0.0026	7/03/13	7/17/13	Contract SOW:
7,4472-50-7	PCB Congener #191	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
74472-51-8	PCB Congener #192	0,0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
35694-08-7	PCB Congener #194	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
52663-78-2	PCB Congener #195	0.0026 U - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
42740-50-1	PCB Congener #196	. 0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
R4-8000894	PCB Congener #197 and/or 200	0.00511 U 💮 💮 💮	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
R4-8000895	PCB Congener #198 and/or 199	0.0051 U	ng/m3	0.0051	7/03/13	7/17/13	Contract SOW
40186-71-8	PCB Congener #201	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
2136-99-4	PCB Congener #202	. 0.0050	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
52663-76-0	PCB Congener #203	0.0028	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
74472-52-9	PCB Congener #204	0.0026 U . ′	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
74472-53-0	PCB Congener #205	0.0026 U.S	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
40186-72-9	PCB Congener #206	0.0026 Ŭ	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
52663-79-3	PCB Congener #207.	0.0026 UF	, ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
52663-77-1	PCB Congener #208	0.0032	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW
2051-24-3	PCB Congener #209	0.0026 U	ng/m3	0.0026	7/03/13	7/17/13	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JAA062513

Lab ID: C133003-06

Station ID: J

Matrix: Air

Date Collected: 6/25/13 11:00

Date Conc	cteu, 0/23/13 11.00					
CAS			Service Committee of			
Number	Andlyte	Results Qualifiers	Units Al	RL Prepared	Analyzed	Method
25429-29-2	Pentachlörobiphenyl (Total)	0.64	ng/m3 0.00	26 7/03/13	7/17/13	Contract SOW
R4-8001026	TEQ (Avian Toxic. Equiv. for PCBs, WHO TEO-98)	0.00084	ng/m3	. 7/03/13	7/17/13	Contract SOW
R4-8001027	TEQ (Fish Toxic Equiv for PCBs, WHO	1.5E-5	ng/m3"		A COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLU	W (X) (X) (X)
R4-8000909	TEQ-98) TEQ (Mammalian Toxic. Equiv. for PCBs,	0.00034	ng/m3	7/03/13	7/17/13	Contract SOW
26914-33-0	WHO TEQ-05) Tetrachlorobiphenyl (Total)		ng/m3 0.00		7/17/12	Contract SOW
		de a company and a second		All And Cale in		
1336-36-3	Total PCBs	13	ng/m3 0.00	and the second second second second	7/17/13	Contract SOW
25323-68-6	Trichlorobiphenyl (Total),	4.6	ng/m3 0:00	26 7/03/13	//W/A3	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

### **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JAA062613

Station ID: <u>J</u>

Lab ID: C133003-07

Matrix: Air

Date Collected: 6/26/13 11:11

CAS Number	Andi\ve's 12	Results; Qualifiers	i jeden je Ne <b>Units</b> –	MRL	Prepared	Analyzed	Method -
25512-42-9	Dichlorobiphenyl (Total)	5:4	ng/m3	0.0026	7/03/13	- 7/18/13	Contract SOW
28655-71-2	Heptachlorobiphenyl (Total)	0.079	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
26601-64-9	Hexachlorobiphenyl (Total)	0.32	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
27323-18-8	Monochlorobiphenyl (Total)	1.8	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
53742-07-7	Nonachlorobiphenyl (Total)	0.0030	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
55722-26-4	Octachlorobiphenyl (Total)	0.015	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
2051-60-7	PCB Congener # 1	1.7	ng/m3	0.0066	7/03/13	7/18/13	Contract SOW
2051-61-8	PCB Congener # 2	0.017	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
2051-62-9-	PCB Congener # 3	0.11	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
13029-08-8	PCB Congener # 4	2.2	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
16605-91-7	PCB Congener # 5	0.042	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
25569-80-6	PCB Congener # 6	0.42	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
33284-50-3	PGB Congener # 7	0.14	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
34883-43-7	PCB Congener # 8	1.8	ng/m3	0.026	7/03/13	7/18/13	Contract SOW
34883-39-1	PCB Congener # 9	0.15	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
33146-45-1	PCB Congener # 10	0.12	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
2050-67-1	PCB Congener # 11	0.066 U	ng/m3	0.066	7/03/13	7/18/13	Contract SOW
R4-8000863	PCB Congener # 12 and/or 13	0,063	ng/m3	0.011	7/03/13	7/18/13	Contract SOW
34883-41-5	PCB Congener # 14	0.0052 Ú	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
2050-68-2	PCB Congener # 15	0.46	ng/m3	0,026	7/03/13	7/18/13	Contract SOW
38444-78-9	PCB Congener # 16	0.62	ng/m3	0.0052	7/03/13	7/18/13	Comract SOW
37680-66-3	PCB Congener # 17	· 0.69	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
R4-8000864	PCB Congener # 18 and/or 30	1.5	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
38444-73-4	PCB Congener # 19	0.33	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8000865	PCB Congener # 20 and/or 28	0.97	ng/m3	0.026	7/03/13	7/18/13	Contract SOW
R4-8000866	PCB Congener # 21 and/or 33	0.63	ng/m3	0.011	7/03/13	7/18/13	Contract SOW .
38444-85-8	PCB Congener #22	0.36	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
55720-44-0	PCB Congener # 23	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW

-



Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

### **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JAA062613

Lab ID: C133003-07

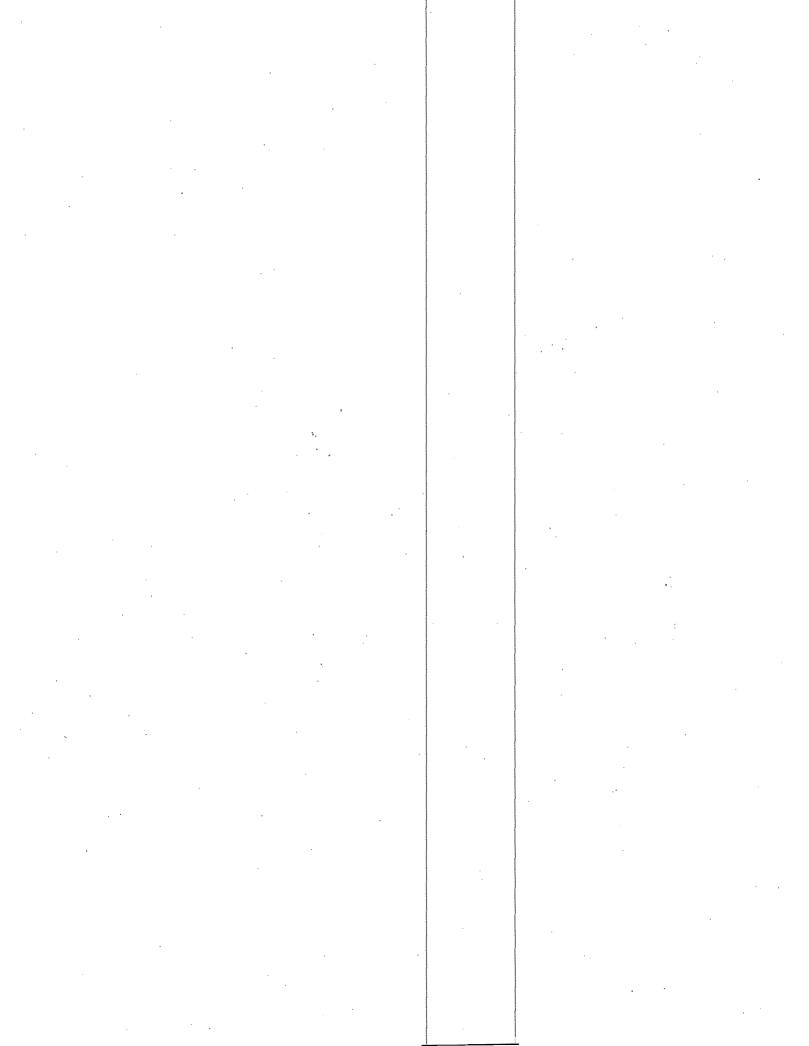
Station ID: <u>J</u>

Matrix: Air

Date Collected: 6/26/13 11:11

THE STREET STREET	ected: 6/26/13 11:11						
CAS Number	Analyte	Results Qualifiers	‡ Units	MRL	Prepared	Analyzed	Method*
100		<u> </u>		0.00		<u> </u>	
55702-45-9	PCB Congener # 24	0.026	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
55712-37-3	PCB Congener # 25	0.091	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8000867	PCB Congener # 26 and/or 29	0.20	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
38444-76-7	PCB Congener # 27	. 0.094	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
16606-02-3	PCB Congener #31	950 grant 15 0.93 P	+ - ng/m3	0:013	7/03/13	7/18/13	Contract SOW"
38444-77-8	PCB Congener # 32	0.36	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
37680-68-5	PCB Congener # 34	0.0041	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
37680-69-6	PCB Congener # 35	0.0069	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
38444-87-0	PCB Congener # 36	0.0052 U	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
38444-90-5	PCB Congener # 37	0.14	ng/m3	0.026	7/03/13	7/18/13	Contract SOW
53555-66-1	PCB/Congener # 38	0.0026 U	ng/m3.	0.0026	- :7/03/13	7/18/13	Contract SOW
38444-88-1	PCB Congener # 39	0.0052 U	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
R4-8001051	PCB Congener #40 and/or 71	0.20	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
52663-59-9	PCB Congener # 41	0.057	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
36559-22-5	PCB Congener # 42	0.17	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
70362-46-8	PCB Congener # 43	0.023	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
R4:8000869	PCB Congener # 44 and/or 47.65	0.73	ng/m3	0.0079	7/03/13	7/18/13	Contract SOW
R4-8000870	PCB Congener # 45 and/or 51	0.24	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
41464-47-5	PCB Congener # 46	0.053	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
70362-47-9	PCB Congener # 48	0.15	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8000871	PCB Congener # 49 and/or 69	0.40	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
R4-8000872	PCB Congener # 50 and/or 53	0.14	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
35693-99-3	PCB Congener # 52	0.63	ng/m3	0.0026	7/03/13	7/18/13:	ContractiSOW
15968-05-5	PCB Congener # 54	0.0056	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
74338-24-2	PCB Congener # 55	0.0033	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
41464-43-1	PCB Congener # 56	0.067	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
70424-67-8	PCB Congener # 57. — Victorial	0.0026 ⊎	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
41464-49-7	PCB Congener # 58	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8000873	PCB Congener # 59 and/or 62,75	0.048	ng/m3	0.0079	7/03/13	7/18/13	Contract SOW
			- D'***	0.0017	., 53115	97.13°	

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JAA062613

Station ID: <u>J</u>

Lab ID: C133003-07

Matrix: Air

Date Collected: 6/26/13 11:11

CAS			1963			1	
Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
33025-41-1	PCB Congener # 60	0.038	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
R4-8000874	PCB Congener # 61 and/or 70,74,76	0.28	ng/m3	0.011	7/03/13	7/18/13	Contract SOW
74472-34-7	PCB Congener # 63	-1. 0:0073 ·	ng/m3	0.0066	7/03/13	7/18/13	Contract SOW
52663-58-8	PCB Congener # 64	0.22	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
32598-10-0	PCB Congener # 66	0.15	ng/m3	0.0066	7/03/13	7/18/13	Contract SOW
73575-53-8	PCB Congener # 67	0.0069	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
73575-52-7	一PCB Congener # 68	0.025	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
41464-42-0	PCB Congener # 72	0.0052 U	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
74338-23-1	PCB Congener # 73	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
32598-13-3	PCB Congener # 77	0.0089	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
70362-49-1	PCB Congener # 78	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
41464-48-6	PCB Congener # 79	0.0052 U	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
33284-52-5	PCB Congener # 80	0.0052 U	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW 2
70362-50-4	PCB Congener # 81	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
52663-62-4	PCB Congener # 82	. 0.014	ng/m3	0.0066	7/03/13	7/18/13	Contract SOW
60145-20-2	PCB Congener # 83	0.0066	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
52663-60-2	PCB Congener # 84	0.051	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8000876	PCB Congener # 85 and/or 116,117	0.024	ng/m3	0.0079	7/03/13	7/18/13	Contract SOW
E52450707	PCB Congener # 86 and/or	0.089	ng/m3 💮	0.016	7/03/13	7/18/13	Contract SOW:
R4-8000878	87-97/109)119/125 PCB Congener # 88 and/or 91	0.033	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
73575-57-2	PCB Congener # 89	0.0038	ng/m3	0.0032	7/03/13	TOTAL STREET	Contract SOW
R4-8000879	PCB Congener # 90 and/or 101,113	0.05	ng/m3	0.0020	7/03/13	7/18/13	Contract SOW
52663-61-3	PCB Congener # 92	0.029	ng/m3	0.0079	7/03/13	7/18/13	Contract SOW
R4-8001052	PCB Congener # 93 and/or 100	0.0052 U	ng/m3	0.0020	7/03/13	7/18/13	Contract SOW
73575-55-0	PCB Congener # 94	0.0032 U = 0.0026 U	ng/m3	0.0032	7/03/13	7/18/13	Contract SOW
38379-99-6	PCB Congener # 95	0.17	ng/m3	0.0020		7/18/13	Contract SOW
73575-54-9	PCB Congener # 96	0.17	ng/m3 - ng/m3	CONTRACTOR AND AND AND AND AND AND AND AND AND AND	7/03/13	7/18/13	Contract SOW
75575-54-9 R4-8001056	PCB Congener # 98 and/or 102		and the same of the same	0.0026	7/03/13		
	PCB Congener # 98 and/or 102	0.0089	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: <u>JAA062613</u>

Station ID: <u>J</u>

Lab ID: <u>C133003-07</u>

Matrix: Air

Date Collected: 6/26/13 11:11

Date Con	ected: 0/20/13 11:11						
CAS Number	Analyte	Results Qualifiers	Units	MRL	Prepared.	Analyzed	Method
38380-01-7	PCB Congener # 99	0.075	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
60145-21-3	PCB Congener #103	0.0066 U	ng/m3	0.0066	7/03/13	7/18/13	Contract SOW
56558-16-8	PCB Congener #104	0.0026 ∪	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
32598-14-4	PCB Congener #105	0.026	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
70424-69-0	PCB Congener #106	<b>0.0026</b> Ŭ	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
70424-68-9	PCB Congener #107	0.0052 U	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
R4-8001053	PCB:Congener #108 and/or 124	0.0052 U	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
R4-8000882	PCB Congener #110 and/or 115	0.12	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
39635-32-0	PCB Congener #111	0.0026.U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
74472-36-9	PCB Congener #112	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
74472-37-0	PCB Congener #114	0.0026 ⊎	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
31508-00-6	PCB Congener #118	0.061	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
68194-12-7	PCB Congener #120	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
56558-18-0	PCB Congener #121	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
76842-07-4	PCB Congener#122	0.0026 ∪	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
65510-44-3	PCB Congener #123	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
57465-28-8	PCB Congener #126	0.0026 ∪	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
39635-33-1	PCB Congener #127	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8000883	PCB Congener #128 and/or 166	0.0065	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
R4-8001054	PCB Congener #129 and/or 138,163	0.058	ng/m3	0.0079	7/03/13	7/18/13	Contract SOW
52663-66-8	PCB Congener #130	0:0038	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
61798-70-7	PCB Congener #131	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
38380-05-1	PCB Congener #132	0.026	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
35694-04-3	PCB Congener #133	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
52704-70-8	PCB Congener #134	0:0036	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8001055	PCB Congener #135 and/or 151	0.035	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
38411-22-2	PCB Congener #136	0.016	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW _Y
35694-06-5	PCB Congener #137	0.0028	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8000887	PCB Congener #139 and/or 140	0:0052 ∪	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JAA062613

Station ID: J

Lab ID: C133003-07

Matrix: Air

Date Collected: 6/26/13 11:11

41411-61-4 PCB Congener #142 0.0026 U ng/m3 0.0026 7/03/13 7/18/13 68194-15-0 PCB Congener #143 0.0026 U ng/m3 0.0026 7/03/13 7/18/13 68194-14-9 PCB Congener #144 0.0043 ng/m3 0.0026 7/03/13 7/18/13	Contract SOW Contract SOW Contract SOW Contract SOW Contract SOW
41411-61-4       PCB Congener #142       0.0026 U       ng/m3       0.0026       7/03/13       7/18/13         68194-15-0       PCB Congener #143       0.0026 U       ng/m3       0.0026       7/03/13       7/18/13         68194-14-9       PCB Congener #144       0.0043       ng/m3       0.0026       7/03/13       7/18/13	Contract SOW Contract SOW Contract SOW Contract SOW
68194-15-0 PCB Congener #143 0.0026 U ng/m3 0.0026 7/03/13 7/18/13 68194-14-9 PCB Congener #144 0.0043 ng/m3 0.0026 7/03/13 7/18/13	Contract SOW Contract SOW Contract SOW
68194-14-9 PCB Congener #144 0.0043 ng/m3 0.0026 7/03/13 7/18/13	Contract SOW  Contract SOW
	Contract/SOW
74472-40-5 PCB Congener #145 0,0026 U ng/m3 0,0026 7/03/13 7/18/13	Contract SOW
51908-16-8 PCB Congener #146 0.010 ng/m3 0.0026 7/03/13 7/18/13	
R4-8000888 PCB Congener #147 and/or 149 0.074 ng/m3 0.011 7/03/13 7/18/13	Contract SOW
74472-41-6 PCB Congener #148 0.0026 U ng/m3 0.0026 7/03/13 7/18/13	Contract SOW
68194-08-1 PCB Congener #150 0.0026 1J ng/m3 0.0026 7/03/13 7/18/13	Contract SOW
68194-09-2 PCB Congener #152 0.0026 U ng/m3 0.0026 7/03/13 7/18/13	Contract SOW
R4-8000889 : PCB Congener #153 and/or 168 : 0.058 : ng/m3*1 : 0.011 7/03/13 : 7/18/13	Contract SOW (Table 1)
60145-22-4 PCB Congener #154 0.0026 U ng/m3 0.0026 7/03/13 7/18/13	Contract SOW
33979-03-2 PCB Congener #155 0.0026 U ng/m3 0.0026. 7/03/13 7/18/13	Contract SOW
R4-8000890 PCB Congener #156 and/or 157 0.0052 U ng/m3 0.0052 7/03/13 7/18/13	Contract SOW
74472-42-7 PCB Congener #158 0.0049 ng/m3 0.0026 7/03/13 7/48/13	Contract SOW
39635-35-3 PCB Congener #159 0.0026 U ng/m3 0.0026 7/03/13 7/18/13	Contract SOW
41411-62-5 PCB Congener #160 0.0026 U ng/m3 0.0026 7/03/13 7/18/13	Contract SOW
74472-43-8 PCB Congener #161 0.0026 U ng/m3 0.0026 7/03/13 7/18/13	Contract SOW
39635-34-2 PCB Congener #162 0.0026. U ng/m3 0.0026 7/03/13 7/18/13	Contract SOW
74472-45-0 PCB Congener #164 0.0035 ng/m3 0.0026 7/03/13 7/18/13	Contract SOW
74472-46-1 PCB Congener #165 0(0026 U ng/m3 0.0026 7/03/13 7/18/13	Contract SOW
52663-72-6 PCB Congener #167 0.0026 U ng/m3 0.0026 7/03/13 7/18/13	Contract SOW
32774-16-6 PCB Congener #169 0.0026 U ng/m3 0.0026 7/03/13 7/18/13	Contract SOW
35065-30-6 PCB Congener #170 0.0047 ng/m3 0.0026 7/03/13 7/18/13	Contract SOW
R4-8000891 PCB Congener #171 and/or 173 0.0052 U ng/m3 0.0052 7/03/13 7/18/13	Contract SOW
52663-74-8 PCB Congener #172 0.0026 U ng/m3 0.0026 7/03/13 7/18/13	Contract SOW
38411-25-55 PCB Congener #174 0.011 ng/m3 0.0026 7/03/13 7/18/13	Contract SOW
40186-70-7 PCB Congener #175 0.0026 U ng/m3 0.0026 7/03/13 7/18/13	Contract SOW
52663-65-7. PCB Congener #176 0.0026_U ng/m3 0.0026 7/03/13 7/18/13	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

### **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JAA062613

Station ID: <u>J</u>

Lab ID: C133003-07

Matrix: Air

Date Collected: 6/26/13 11:11

Date Coll	ected: 6/26/13 11:11				August warm		
CAS:::::::: Number	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
52663-70-4	PCB Congener #177	0.0059	ng/m3	0:0026	7/03/13	7/18/13	Contract SOW
52663-67-9	PCB Congener #178	0.0034	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
52663-64-6	PCB Congener #179	0.0094	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8000892	PCB Congener #180 and/or 193	0.016	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
74472-47-2	PCB Congener #181	0.0026 Ü	ng/m3	* 0.0026	7/03/13	7/18/13	Contract SOW
60145-23-5	PCB Congener #182	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8000893	PCB Congener #183 and/or 185	0.0095	. ng/m3	0.0052	7/03/13	-7/18/13	Contract SOW
74472-48-3	PCB Congener #184	0.0026 U ~ ,	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
74472-49-4	PCB Congener #186	0.0026 U ^{iji}	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
52663-68-0	PCB Congener #187	0.020	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
74487-85-7	PCB Congener #188	0.0026 ⊎	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
39635-31-9	PCB Congener #189	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
41411-64-7	PCB Congener #190	0,0026 🗓	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
74472-50-7	PCB Congener #191	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
74472-51-8	PCB Congener #192	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
35694-08-7	PCB Congener #194	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
52663-78-2	PCB Congener #195	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
42740-50-1	PCB Congener #196	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8000894	PCB Congener #197 and/or 200	0.0052 ∪	ng/m3	0:0052	7/03/13	7/18/13	Contract SOW
R4-8000895	PCB Congener #198 and/or 199	0.0065	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
40186-71-8	PCB Congener #201	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW 1
2136-99-4	PCB Congener #202	0.0050	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
52663-76-0	i PCB Congener #203	0.0039	ng/m3	0:0026	7/03/13	7/18/13,	Contract SOW
74472-52-9	PCB Congener #204	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
74472-53-0	PCB Congener #205	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
40186-72-9	PCB Congener #206	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
52663-79-3	PCB Congener #207	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
52663-77-1	PCB Congener #208	0.0030	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
2051-24-3	PCB Congener#209	0.0026 U.	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T, Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JAA062613

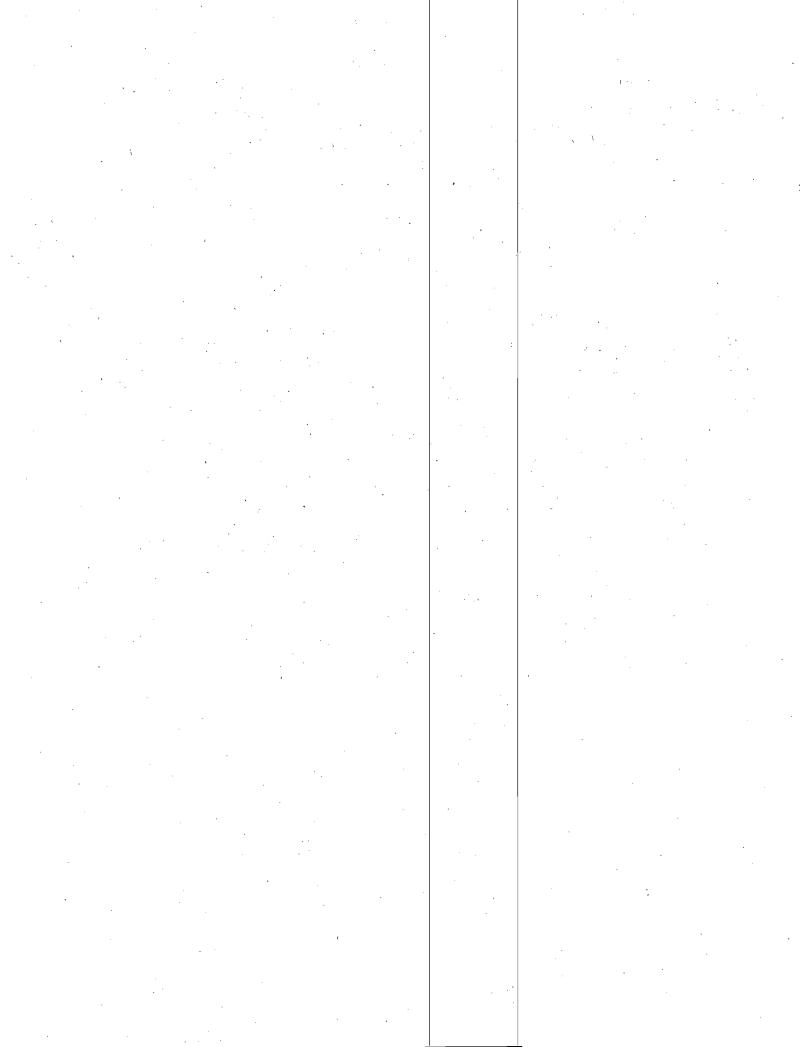
Lab ID: C133003-07

Station ID: <u>J</u>

Matrix: Air

Date Collected: 6/26/13 11:11

	April 1995						
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Number	Analyta, and the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the s	Results Qualifiers	Units	MRI.	Prepared	Analyzed	Method
25429-29-2	Pentachlorobiphenyl (Total)	0.86	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8001026	TEQ (Avian Toxic, Equiv. for PCBs, WHO TEQ-98)	0.00097	ng/m3		7/03/13	7/18/13	Contract SOW
K4-8001027	TEO (Fish Toxic Equiv for PCBs, WHO TEO-98)	1.6E+5	ng/m3	¥.	7/03/13		Contract SOW
R4-8000909	TEQ (Mammalian Toxic Equiv. for PCBs, WHO TEQ-05)	0.00035	ng/m3		7/03/13	7/18/13	Contract SOW
26914-33-0	Tetrachlorobiphenyl (Total)	3.6	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
1336-36-3	Total PCBs	19	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
25323-68-6	Trichlorobiphenyl (Total)	6.954	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW





Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JDAA062513

Station ID:  $\underline{J}$ 

Lab ID: <u>C133003-08</u>

Matrix: Air

Date Collected: 6/25/13 11:00

C4S	- TEST - 170 Mars						
C 45 Number	Analyie	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
25512:4219	Dichlorobiphenyl (Total)	The State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of	ng/m3	0:0029	7/03/13	" <i>7/</i> 17/13	Contract SOW
28655-71-2	Heptachlorobiphenyl (Total)	0.058	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
26601-64-9	Hexachlorobiphenyl (Total)	0.22	ng/m3	0.0029	7/03/13	7/17/13	Coutract SOW
27323-18-8	Monochlorobiphenyl (Total)	1.4	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
53742-07-7	Nonachlorobiphenyl (Total)	-0.0033	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
55722-26-4	Octachlorobiphenyl (Total)	0.0077	ng/m3·	0.0029	7/03/13	7/17/13	Contract SOW
2051-60-7	PCB Congener # 1	13	ng/m3	0.0072	7/03/13	7/17/13	Contract SOW
2051-61-8	PCB Congener # 2	0.013	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
2051-62-9	PCB Congener # 3	0.071	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
13029-08-8	PCB Congener # 4	1,6	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
16605-91-7	PCB Congener # 5	0.026	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
25569-80-6	PCB Congener # 6	0.27	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
33284-50-3	PCB Congener # 7	0:069	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
34883-43-7	PCB Congener # 8	1.2	ng/m3	0.029	7/03/13	7/17/13	Contract SOW
34883-39-1	PCB Congener # 9	0:086= 1/3	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
33146-45-1	PCB Congener # 10	0.12	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
2050-67-1	PCB Congener # 11	0.085 UTB-4 x	ng/m3	0.072	7/03/13	7/17/13	Contract SOW
R4-8000863	PCB Congener # 12 and/or 13	0.038	ng/m3	0.012	7/03/13	7/17/13	Contract SOW
34883-41-5	PCB Congener # 14	0.0058 ∪ 22 4	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
2050-68-2	PCB Congener # 15	0.30	ng/m3	0.029	7/03/13	7/17/13	Contract SOW
38444-78-9	PCB Congener # 16	(minute) (0,43) = 11	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
37680-66-3	PCB Congener # 17	0.46	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
R4-8000864	PCB Congener # 18 and/or 30	0.92	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
38444-73-4	PCB Congener # 19	0.29	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
R4-8000865	PCB Congener # 20 and/or 28	0.67	ng/m3	0.029	7/03/13	7/17/13	Contract SOW
R4-8000866	PCB Congener # 21 and/or 33	· 0.40	ng/m3	0.012	7/03/13	7/17/13	Contract SOW
38444-85-8	PCB Congener # 22.	- 0.23	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
55720-44-0	PCB Congener # 23	0.0029 U	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

## **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JDAA062513

Station ID: <u>J</u>

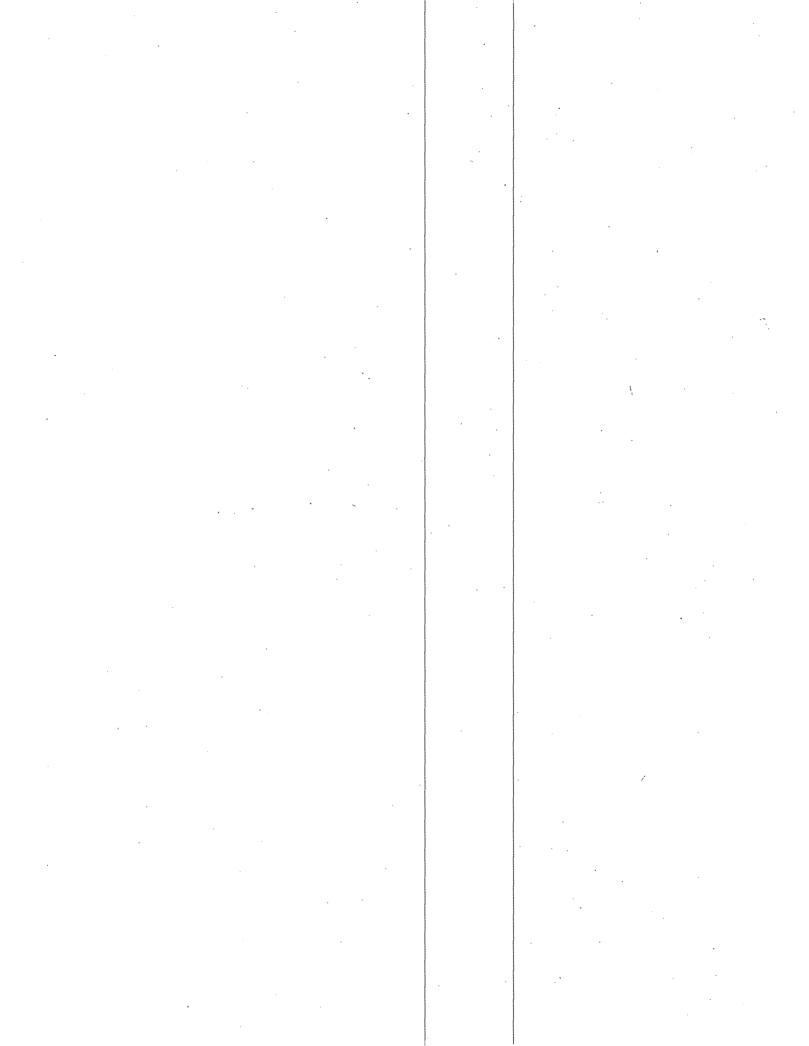
Lab ID: C133003-08

Matrix: Air

Date Collected: 6/25/13 11:00

Date Con	lected: 6/25/13 11:00						
CAS Number 2	Analyte 1999	Results Qualifiers	Links :	MRL	Prepared.	Analyzed	Method
55702-45-9	PCB Congener # 24	0.020	ng/m3	0.0029	7/03/13%	7/17/13	Contract/SOW
55712-37-3	PCB Congener # 25	0.061	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
R4-8000867	PCB Congener #26 and/or 29	0.14	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
38444-76-7	PCB Congener # 27	0.071	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
16606-02-3	PCB Congener #31	0.62	ng/m3	0.014	7/03/13	7/17/13	Contract SOW
38444-77-8	PCB Congener # 32	0.25	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
37680-68-5	PCB Congener #34	0.0029 U	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
37680-69-6	PCB Congener # 35	0.0058 U	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
38444-87-0	PCB Congener # 36	0.0058 U	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
38444-90-5	PCB Congener # 37	0.084	ng/m3	0.029	7/03/13	7/17/13	Contract SOW
53555-66-1	PCB Congener # 38	0.0029 U	ng/m3 🐳	0.0029	7/03/13	7/17/13	Contract SOW 4
38444-88-1	PCB Congener # 39	0.0058 U	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
R4-8001051	PCB Congener # 40 and/or 71	0.13	ng/m3	0.0058	7/03/13	7/17/13	Contract/SOW
52663-59-9	PCB Congener # 41	0.036	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
36559-22-5	PCB Congener # 42	0.11	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
70362-46-8	PCB Congener # 43	0.018	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
R4-8000869	PCB Congener # 44 and/or 47.65		ng/m3	0.0086	7/03/13	7/17/13	Contract SOW
R4-8000870	PCB Congener # 45 and/or 51	0.13	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
41464-47-5	PCB Congener # 46	0.035	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
70362-47-9	PCB Congener # 48	0.089	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
R4-8000871	PCB Congener # 49 and/or 69	$= 0.28^{\frac{1}{2}} \qquad = 0.28^{\frac{1}{2}} \qquad \qquad ^{-1}$	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
R4-8000872	PCB Congener # 50 and/or 53	0.093	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
35693-99-3	PCB Congener # 52	0.47	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
15968-05-5	PCB Congener # 54	0.0057	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
74338-24-2	PCB Congener # 55	0.0029 U	ng/m3	0.0029	7/03/13	7/17/13	ContractiSOW 4
41464-43-1	PCB Congener # 56	0.044	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
70424-67-8	PCB Congener # 57	0.0029 U	ng/m3	0.0029	7/03/13**	7/17/13	Contract SOW
41464-49-7	PCB Congener # 58	0.0029 U	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
R4-8000873	PCB Congener # 59 and/or 62,75	0.031	ng/m3	0:0086	7/03/13	7/17/13	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

# **PCB Aroclors**

Project: 13-0363, Anniston PCB Air Study

Sample ID: JDAA062513

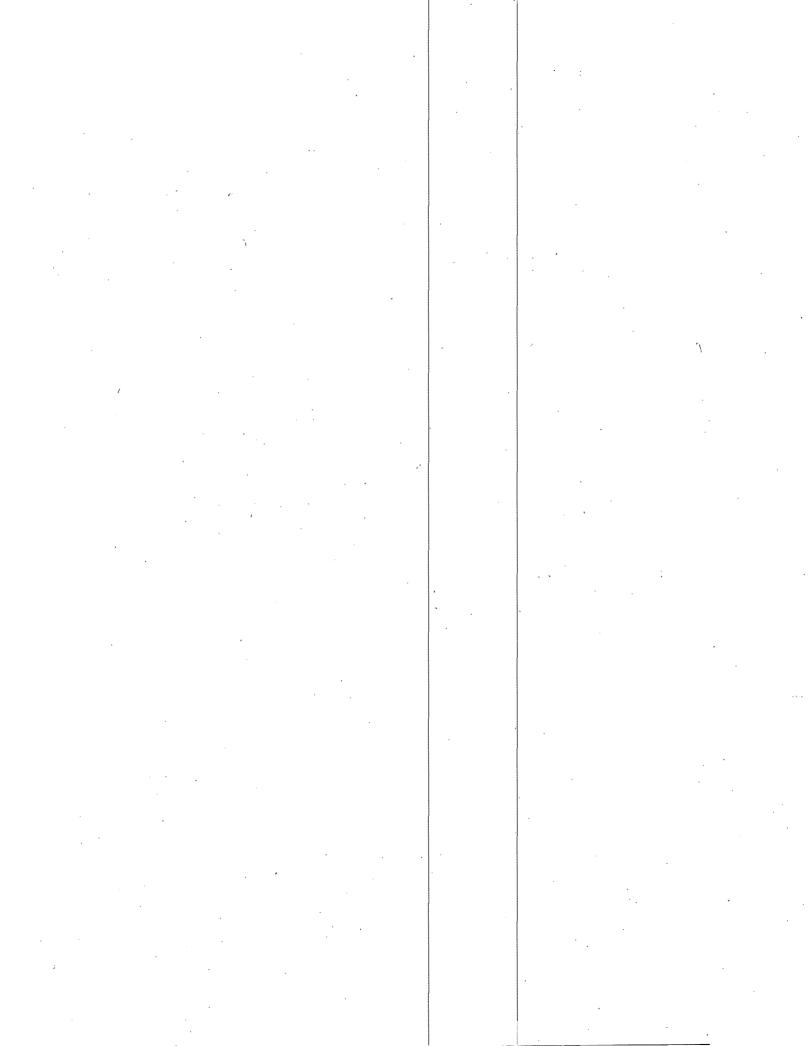
Station ID: J

Lab ID: <u>C133003-08</u>

Matrix: Air

Date Collected: 6/25/13 11:00

	ected: 0/25/13 11:00			TO STATE OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PA	remandari Taraman		
CAS STATE	Analyte :	** Results Qualifiers	Units	MRE:	Prepared	Analyzed	Methods
33025-41-1	PCB Congener # 60 +	0.024	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
R4-8000874	PCB Congener # 61 and/or 70,74,76	0.19	ng/m3	0.012	7/03/13	7/17/13	Contract SOW
74472-34-7	PCB Congener # 63	0.0072 ∪	ng/m3	0.0072	7/03/13	7/17/13	Contract SOW
52663-58-8	PCB Congener # 64	0.14	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
32598-1040	PCB:Congener # 66	0.10	ng/m3	0.0072	7/03/13	7/17/13	Contract SOW
73575-53-8	PCB;Congener # 67	0.0044	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
73575-52-7	PCB Congener # 68	± 0.0057:	ing/m3/	0.0029	7/03/13	7/17/13	Contract SOW
41464-42-0	PCB Congener # 72	0.0058 U	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
74338-23-1	PCB Congener # 73	0.0029 U.	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
32598-13-3	PCB Congener # 77	0.0057	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
70362-49-1	PCB Congener # 78	0.0029 U	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
41464-48-6	PCB Congener # 79	0.005 <b>8</b> U	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
33284-52-5	PCB Congener # 80	0.0058 U	.ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
70362-50-4	PCB Congener # 81	· 0.0029 U	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
52663-62-4	PCB Congener #82	0.0095	ng/m3	0.0072	-7/03/13	7/17/13	Contract SOW
60145-20-2	PCB Congener # 83	0.0044	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
52663-60-2	PCB Congener # 84	0.036	ng/m3	0.0029	7/03/13.	7/17/13	Contract SOW
R4-8000876	PCB Congener # 85 and/or 116,117	0.018	ng/m3	0.0086	7/03/13	7/17/13	Contract SOW
E52450707	PCB Congener #86 and/or	0.066	ng/m3	0.017	7/03/13	7/17/13	Contract SOW
74 0000070	87,97,109,119,125	0.000	-/-3	0.0050			
R4-8000878	PCB Congener # 88 and/or 91	0.025	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
73575-57-2	PCB Congener # 89	0.0029 U	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
R4-8000879	PCB Congener # 90 and/or 101,113	0.11	ng/m3	0.0086	7/03/13	7/17/13	Contract SOW
52663-61-3	PCB Congener # 92	0.022	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
R4-8001052	PCB Congener # 93 and/or 100	0.0058 U	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
73575-55-0	PCB Congener # 94	0.0029 U	ng/m3	0.0029			Contract SOW>
38379-99-6	PCB Congener # 95	0.13	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW
73575-54-9	PCB Congener # 96	0.0034	ng/m3	0.0029			Contract, SOW:
R4-8001056	PCB Congener # 98 and/or 102	0.0070	ng/m3	0.0058	7/03/13	7/17/13	Contract SOW





Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

#### **PCB Aroclors**

Project: 13-0363, Anniston PCB Air Study

Sample ID: JDAA062513

Lab ID: C133003-08

Station ID: J

Matrix: Air

Date Collected: 6/25/13 11:00

CAS Number	Inalyte 103	Results Qualifiers	Units	MRI Prenary	ul. Analyseil Method.
	The Part of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Contr				
38380-01-7	PCB Congener # 99	0.056	ng/m3	0.0029 7/03/1	and the second second second
60145-21-3	PCB Congener #103	0.0072-U	ng/m3	0.0072 7/03/13	
56558-16-8	PCB Congener #104	≥ 0.0029 EL	ng/m3	0.0029 7/03/1	
32598-14-4	PCB Congener #105	0.016	ng/m3	0.0029 7/03/13	
70424-69-0	PCB Congener #106	0:0029 U	ng/m3	0.0029 7/03/1	7/17/13 Contract SOW
70424-68-9	PCB Congener #107	0.0058 U	ng/m3	0.0058 7/03/13	
R4-8001053		0:0058 U.	ng/m3	0.0058 7/03/13	7/17/13 Contract SOW
R4-8000882	PCB Congener #110 and/or 115	0.092	ng/m3	0.0058 7/03/13	3 7/17/13 Contract SOW
39635-32-0	PCB Congener #111	0.0029 U	ng/m3	0:0029 7/03/1	7/17/13 Contract SOW
74472-36-9	PCB Congener #112	. 0.0029 U	ng/m3	0.0029 7/03/13	3 7/17/13 Contract SOW ·
74472-37-0	PCB Congener #114	0.0029 U=====	ng/m3	0.0029 7/03/1	7/17/13 Contract SOW
31508-00-6	PCB Congener #118	0.043	ng/m3	0.0058 7/03/13	3 7/17/13 Contract SOW
68194-12-7	PCB Congener #120	. 0.0029 U	ng/m3	0.0029 7/03/1	5 7/17/13 Contract SOW
5655818-0	PCB Congener #121	0.0029 U	ng/m3	0.0029 7/03/1	3 7/17/13 Contract SOW
76842-07-4	PCB Congener #122	$M_{\odot}=0.0029~\mathrm{U}^{-1}$	ng/m3	0.0029 / 7/03/1	5 7/17/13 Contract SOW
65510-44-3	PCB Congener #123	. <b>0.0029</b> U	ng/m3	0.0029 7/03/13	3 7/17/13 Contract SOW
57465-28-8	PCB Congener #126	0.0029 U.	ng/m3	0.0029 + 7/03/1	7/17/13 Contract SOW
39635-33-1	PCB Congener #127	0.0029 U	ng/m3	0.0029 7/03/1:	3 7/17/13 Contract SOW
R4-8000883	PGB Congener #128 and/or 166	0.0058 ∪	ng/m3	0.0058 7/03/1	3 7/17/13 Contract SOW
R4-8001054	PCB Congener #129 and/or 138,163	0.040	ng/m3	0.0086 7/03/1	3 7/17/13 Contract SOW
52663:66-8	PCB Congener #130	0.0029 U.	ng/m3	0.0029 7/03/1	7/17/13 Contract SOW
61798-70-7	PCB Congener #131	0.0029 U	ng/m3	0.0029 7/03/13	.7/17/13 Contract SOW-
38380-05-1	PCB Congener,#132	' 6, 2 \ 0.018	ng/m3	0.0029 7/03/1	5 7/17/13 Contract SOW
35694-04-3	PCB Congener #133	0.0029 U	ng/m3	0.0029 7/03/13	3 7/17/13 Contract SOW
52704-70-8-	PCB Congener #134	0.0029 ⊎ = 1.2	ng/m3 👢 🌯	0.0029 5 7/03/1	7/17/13 Contract SOW
R4-8001055	PCB Congener #135 and/or 151	0.028	ng/m3	0.0058 7/03/13	State of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control
38411-22-2	PCB Congener #136	0.012	ng/m3	0.0029 7/03/1	7/17/13 Contract SOW
35694-06-5	PCB Congener #137	0.0029 U	ng/m3	0.0029 7/03/13	
R4-8000887	PCB Congener #139 and/or 140	0.0058 (	ng/m3	0:0058 7/03/1	
1.7		Table 2 4 4 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Tall I		

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

#### **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JDAA062513

Station ID:  $\underline{J}$ 

Lab ID: C133003-08

Matrix: Air

Date Collected: 6/25/13 11:00

Comparison	Date Con	ected: 0/25/15 11:00				
41411-51-4   PCB Congener #142   0.0029 U ng/m3   0.0029   763/13   717/13   Contract SOW     68194-15-9   PCB Congener #144   0.0040   ng/m3   0.0029   763/13   717/13   Contract SOW     68194-16-9   PCB Congener #145   0.0029 D ng/m3   0.0029   763/13   717/13   Contract SOW     74472-0.5   PCB Congener #145   0.0029 D ng/m3   0.0029   763/13   717/13   Contract SOW     74472-16-8   PCB Congener #146   0.0072   ng/m3   0.0029   763/13   717/13   Contract SOW     74472-41-6   PCB Congener #148   0.0029 U ng/m3   0.0029   763/13   717/13   Contract SOW     74472-41-6   PCB Congener #155   0.0029 U ng/m3   0.0029   763/13   717/13   Contract SOW     68194-09-2   PCB Congener #152   0.0029 U ng/m3   0.0029   763/13   717/13   Contract SOW     68194-09-2   PCB Congener #152   0.0029 U ng/m3   0.0029   763/13   717/13   Contract SOW     68194-09-2   PCB Congener #154   0.0029 U ng/m3   0.0029   763/13   717/13   Contract SOW     68194-09-2   PCB Congener #155   0.0029 U ng/m3   0.0029   763/13   717/13   Contract SOW     68194-09-2   PCB Congener #155   0.0029 U ng/m3   0.0029   763/13   717/13   Contract SOW     68194-09-2   PCB Congener #155   0.0029 U ng/m3   0.0029   763/13   717/13   Contract SOW     68194-09-2   PCB Congener #155   0.0029 U ng/m3   0.0029   763/13   717/13   Contract SOW     74472-42-7   PCB Congener #155   0.0029 U ng/m3   0.0029   763/13   717/13   Contract SOW     74472-42-7   PCB Congener #156   0.0029 U ng/m3   0.0029   763/13   717/13   Contract SOW     74472-43-8   PCB Congener #160   0.0029 U ng/m3   0.0029   763/13   717/13   Contract SOW     74472-43-8   PCB Congener #165   0.0029 U ng/m3   0.0029   763/13   717/13   Contract SOW     74472-45-0   PCB Congener #165   0.0029 U ng/m3   0.0029   763/13   717/13   Contract SOW     74472-45-0   PCB Congener #165   0.0029 U ng/m3   0.0029   763/13   717/13   Contract SOW     74472-45-0   PCB Congener #165   0.0029 U ng/m3   0.0029   763/13   717/13   Contract SOW     74472-45-0   PCB Congener #165   0.0029 U ng/m3   0.0029   763/13   71		Analyte	Results Qualifiers	Units	MRL Propared	Analyzed Method
68194-15-0 PCB Congener #144	52712-04-6	PCB Congener #141	0.0087	ng/m3	0,0058 7/03/13	7/17/13 Contract SOW :=
S8194-14-9   PCB Congener #144   0.0040   ng/m3   0.0029   703/13   717/13   Contract SOW   74472-10-5   PCB Congener #145   0.0072   ng/m3   0.0029   703/13   717/13   Contract SOW   74472-41-6   PCB Congener #146   0.0072   ng/m3   0.0029   703/13   717/13   Contract SOW   74472-41-6   PCB Congener #148   0.0029   0.0029   703/13   717/13   Contract SOW   74472-41-6   PCB Congener #148   0.0029   0.0029   703/13   717/13   Contract SOW   74472-41-6   PCB Congener #150   0.0029   0.0029   0.0029   703/13   717/13   Contract SOW   74472-41-6   PCB Congener #152   0.0029   0.0029   0.0029   703/13   717/13   Contract SOW   74472-41-6   PCB Congener #152   0.0029   0.0029   0.0029   703/13   717/13   Contract SOW   74472-42-42   PCB Congener #154   0.0029   0.0029   0.0029   703/13   717/13   Contract SOW   74472-42-42   PCB Congener #155   0.0029   0.0029   0.0029   703/13   717/13   Contract SOW   74472-42-42   PCB Congener #155   0.0029   0.0029   0.0029   703/13   717/13   Contract SOW   74472-42-7   PCB Congener #155   0.0029   0.0029   0.0029   703/13   717/13   Contract SOW   74472-42-7   PCB Congener #155   0.0034   10.0034   10.0039   703/13   717/13   Contract SOW   74472-42-7   PCB Congener #159   0.0029   0.0029   0.0029   703/13   717/13   Contract SOW   74472-42-7   PCB Congener #150   0.0029   0.0029   0.0029   703/13   717/13   Contract SOW   74472-43-8   PCB Congener #160   0.0029   0.0029   0.0029   703/13   717/13   Contract SOW   74472-45-9   PCB Congener #164   0.0029   0.0029   0.0029   703/13   717/13   Contract SOW   74472-46-1   PCB Congener #167   0.0029   0.0029   0.0029   703/13   717/13   Contract SOW   74472-46-1   PCB Congener #167   0.0029   0.0029   0.0029   703/13   717/13   Contract SOW   74472-46-1   PCB Congener #167   0.0029   0.0029   0.0029   703/13   717/13   Contract SOW   74472-46-1   PCB Congener #167   0.0029   0.0029   0.0029   703/13   717/13   Contract SOW   74472-46-1   PCB Congener #167   0.0029   0.0029   0.0029   703/13   717/13   Contract SOW   74472-46-1   P	41411-61-4	PCB Congener #142	0.0029 U	ng/m3 '	0.0029 7/03/13	7/17/13 Contract SOW
7.64722-10.51 PCB Congener #145 0.0029 U ng/m3 0.0029 703/13 717/13 Contract SOW 151908-16-8 PCB Congener #146 0.0072 ng/m3 0.0029 703/13 717/13 Contract SOW 24472-41-6 PCB Congener #148 0.0029 U ng/m3 0.0029 703/13 717/13 Contract SOW 68194-09-2 PCB Congener #150 0.0029 U ng/m3 0.0029 703/13 717/13 Contract SOW 68194-09-2 PCB Congener #152 0.0029 U ng/m3 0.0029 703/13 717/13 Contract SOW 68194-09-2 PCB Congener #155 0.0029 U ng/m3 0.0029 703/13 717/13 Contract SOW 68194-09-2 PCB Congener #155 0.0029 U ng/m3 0.0029 703/13 717/13 Contract SOW 68194-09-2 PCB Congener #155 0.0029 U ng/m3 0.0029 703/13 717/13 Contract SOW 68194-09-2 PCB Congener #155 0.0029 U ng/m3 0.0029 703/13 717/13 Contract SOW 68194-09-2 PCB Congener #155 0.0029 U ng/m3 0.0029 703/13 717/13 Contract SOW 70472-42-7 PCB Congener #155 0.0058 U ng/m3 0.0029 703/13 717/13 Contract SOW 70472-42-7 PCB Congener #156 and/or 157 0.0058 U ng/m3 0.0029 703/13 717/13 Contract SOW 70472-42-7 PCB Congener #158 0.0031 ng/m3 0.0029 703/13 717/13 Contract SOW 70472-42-8 PCB Congener #160 0.0029 U ng/m3 0.0029 703/13 717/13 Contract SOW 70472-43-8 PCB Congener #160 0.0029 U ng/m3 0.0029 703/13 717/13 Contract SOW 70472-44-8 PCB Congener #161 0.0029 U ng/m3 0.0029 703/13 717/13 Contract SOW 70472-45-0 PCB Congener #164 0.0029 U ng/m3 0.0029 703/13 717/13 Contract SOW 70472-45-0 PCB Congener #165 0.0029 U ng/m3 0.0029 703/13 717/13 Contract SOW 70472-45-0 PCB Congener #167 0.0029 U ng/m3 0.0029 703/13 717/13 Contract SOW 70472-45-0 PCB Congener #167 0.0029 U ng/m3 0.0029 703/13 717/13 Contract SOW 70472-45-0 PCB Congener #167 0.0029 U ng/m3 0.0029 703/13 717/13 Contract SOW 70472-45-0 PCB Congener #167 0.0029 U ng/m3 0.0029 703/13 717/13 Contract SOW 70472-45-0 PCB Congener #167 0.0029 U ng/m3 0.0029 703/13 717/13 Contract SOW 70472-45-0 PCB Congener #167 0.0029 U ng/m3 0.0029 703/13 717/13 Contract SOW 70472-45-0 PCB Congener #167 0.0029 U ng/m3 0.0029 703/13 717/13 Contract SOW 70472-45-0 PCB Congener #170 0.0034 ng/m3 0.0029 703/13 717/13 Contract SOW 70472-45-	68194-15-0	PCB Congener.#143	0.0029 せ	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
\$1908-16-8 PCB Congener #146	68194-14-9	PCB Congener #144	0.0040	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
R4-8000888 PCB Congener #147 and/or 149 (1.054) ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 7/4472-41-6 PCB Congener #148 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 68194-09-2 PCB Congener #150 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 68194-09-2 PCB Congener #152 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 68194-09-2 PCB Congener #154 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 60145-22-4 PCB Congener #154 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 33979-03-2 PCB Congener #155 and/or 157 0.0058 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 7/4472-42-7 PCB Congener #158 0.0034  ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 39635-35-3 PCB Congener #159 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 14/11/162-5 PCB Congener #160 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 7/4472-43-8 PCB Congener #161 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 7/4472-43-8 PCB Congener #164 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 7/4472-43-8 PCB Congener #164 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 7/4472-44-19 PCB Congener #164 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 7/4472-44-19 PCB Congener #164 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 7/4472-44-19 PCB Congener #166 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 7/4472-44-19 PCB Congener #166 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 7/4472-44-19 PCB Congener #165 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 7/4472-44-19 PCB Congener #166 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 7/4472-44-19 PCB Congener #169 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 7/4472-44-19 PCB Congener #169 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 7/4472-44-19 PCB Congener #169 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 7/4472-44-19 PCB Congener #169 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 7/4472-44-19 PCB Congener #169 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 7/4472-44-19 PCB Congener #170 0.0034 ng/m3 0.0029 7/03/13 7/17/13 Contract SO	74472-40-5	PCB Congener #145	0.0029 U	ng/m3	0:0029 7/03/13	7/17/13 Contract SOW
74472-41-6 PCB Congener #148	51908-16-8	PCB Congener #146	0.0072	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
68194-08-1 PCB.Congener #150 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 68194-09-2 PCB Congener #152 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 68194-09-2 PCB Congener #152 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 60145-22-4 PCB Congener #154 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 33979-01-2 PCB Congener #155 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-42-7 PCB Congener #158 0.0034 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 39635-35-3 PCB Congener #159 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-42-7 PCB Congener #160 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-43-8 PCB Congener #161 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-45-0 PCB Congener #164 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-45-0 PCB Congener #165 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-45-0 PCB Congener #165 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-45-0 PCB Congener #165 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-45-0 PCB Congener #167 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-46-1 PCB Congener #167 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-46-1 PCB Congener #169 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-46-1 PCB Congener #169 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-46-1 PCB Congener #170 0.0034 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-46-1 PCB Congener #170 0.0034 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-45-0 PCB Congener #170 0.0034 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-45-0 PCB Congener #170 0.0034 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-45-0 PCB Congener #170 0.0034 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-45-0 PCB Congener #170 0.0034 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-45-0 PCB Congener #170 0.0034 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-45-0 PCB Congener #170 0.0034 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-45-0 PCB Congener #1774 0.00082 ng/m3 0.0029 7/03/13 7/17/	R4-8000888	PCB Congener #147 and/or 149	0:054	ng/m3	0.012 7/03/13	7/17/13 Contract SOW
68194-09-2         PCB Congener #152         0,0029 U         ng/m3         0,0029         7/03/13         7/17/13         Contract SOW           R4 8000889         PCB Congener #153 and/or 168         10.043 4         ng/m3         0.012         7/03/13         7/17/13         Contract SOW           60145-22-4         PCB Congener #154         0.0029 U         ng/m3         0.0029         7/03/13         7/17/13         Contract SOW           33979-03-2         PCB Congener #155         0.0029 U         ng/m3         0.0029         7/03/13         7/17/13         Contract SOW           R4-8000890         PCB Congener #158         0.0034         ng/m3         0.0029         7/03/13         7/17/13         Contract SOW           74472-42-7         PCB Congener #159         0.0029 U         ng/m3         0.0029         7/03/13         7/17/13         Contract SOW           4/1411-62-5         PCB Congener #160         0.0029 U         ng/m3         0.0029         7/03/13         7/17/13         Contract SOW           74472-43-8         PCB Congener #161         0.0029 U         ng/m3         0.0029         7/03/13         7/17/13         Contract SOW           74472-45-0         PCB Congener #164         0.0029 U         ng/m3         0.0029 <t< td=""><td>74472-41-6</td><td>PCB Congener #148</td><td>0.0029 U</td><td>ng/m3</td><td>0.0029 7/03/13</td><td>7/17/13 Contract SOW</td></t<>	74472-41-6	PCB Congener #148	0.0029 U	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
R4-800889 PCB Congener #153 and/or 168 #10.043 in ng/m3	68194-08-1	PCB Congener #150	0.0029 U 💮 💮	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
60145-22-4 PCB Congener #154 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 33979-03-2 PCB Congener #155 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW R4-8000890 PCB Congener #156 and/or 157 0.0058 U ng/m3 0.0058 7/03/13 7/17/13 Contract SOW 74472-42-7 PCB Congener #158 0.00341 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 39635-35-3 PCB Congener #159 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 41441-62-5 PCB Congener #160 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-43-8 PCB Congener #161 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-45-0 PCB Congener #162 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-45-0 PCB Congener #164 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 7/1472-46-11 PCB Congener #165 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 52663-72-6 PCB Congener #167 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 32774-16-6 PCB Congener #169 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 32774-16-6 PCB Congener #170 0.0034 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 32663-0-6 PCB Congener #170 0.0034 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 32663-74-8 PCB Congener #172 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 52663-74-8 PCB Congener #172 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 3411-25-5 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 3411-25-5 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 3411-25-5 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 3411-25-5 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 3411-25-5 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 3411-25-5 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 3411-25-5 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 3411-25-5 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW	68194-09-2	PCB Congener #152	0.0029 U	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
33979-03-2 PCB Congener #155	R4-8000889	PCB Congener #153 and/or 168	0.043 =	ng/m3	0.012 7/03/13	7/17/13 Contract SOW
R4-8000890 PCB Congener #156 and/or 157 0.0058 U ng/m3 0.0058 7/03/13 7/17/13 Contract SOW 7/4472-42-7 PCB Congener #158 0.0034 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 14/14/1-62-5 PCB Congener #160 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 7/4472-43-8 PCB Congener #161 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 39635-34-2 PCB Congener #162 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 39635-34-2 PCB Congener #164 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 7/4472-46-1 PCB Congener #165 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 7/4472-46-1 PCB Congener #167 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 52663-72-6 PCB Congener #167 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 32774-16-6 PCB Congener #169 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 32774-16-6 PCB Congener #170 0.0034 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 84-8000891 PCB Congener #170 0.0034 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 52663-74-8 PCB Congener #172 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 52663-74-8 PCB Congener #174 0.0082 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 33411-25-5 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 3411-25-5 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 3411-25-5 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 3411-25-5 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 3411-25-5 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 3411-25-5 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 3411-25-5 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 3411-25-5 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 3411-25-5 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 3411-25-5 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 3411-25-5 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 3411-25-5 PCB Congener #175 0.0029 U ng/m3 0.00	60145-22-4	PCB Congener #154	0.0029 U	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
74472-42-7 PCB Congener #158	33979-03-2	PCB Congener #155	0.0029. Usas marka a 12. A	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
39635-35-3 PCB Congener #159 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 41411-62-5 PCB Congener #160 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-43-8 PCB Congener #161 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 39635-34-2 PCB-Congener #162 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-45-0 PCB Congener #164 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-46-1 PCB Congener #165 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 52663-72-6 PCB Congener #167 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 32774-16-6 PCB Congener #169 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 35065-30-6 PCB Congener #170 0.0034 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW R4-8000891 PCB Congener #171 0.0058 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 52663-74-8 PCB Congener #172 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 38411-25-5 PCB Congener #172 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 38411-25-5 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 500029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW	R4-8000890	PCB Congener #156 and/or 157	0.0058 U	ng/m3	0.0058 7/03/13	7/17/13 Contract SOW
41411-62-5 PCB Congener #160 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-43-8 PCB Congener #161 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 39635-34-2 PCB Congener #162 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-45-0 PCB Congener #164 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-46-1 PCB Congener #165 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 52663-72-6 PCB Congener #167 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 32774-16-6 PCB Congener #169 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 32774-16-6 PCB Congener #169 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 35065-30-6 PCB Congener #170 0.0034 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 84-800891 PCB Congener #171 and/or 173 0.0058 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 52663-74-8 PCB Congener #172 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 3411-25-5 PCB Congener #174 0.0082 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 3411-25-5 PCB Congener #175 0.0082 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 52663-70-7 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 52663-70-7 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 52663-70-7 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 52663-70-7 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 52663-70-7 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 52663-70-7 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 52663-70-7 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 52663-70-7 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 52663-70-7 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 52663-70-7 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 52663-70-7 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 52663-70-7 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 52663-70-7 PCB Congener #175 0.0029 U ng/m3	74472-42-7	PCB Congener #158	0.0034	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
74472-43-8         PCB Congener #161         0.0029 U         ng/m3         0.0029         7/03/13         7/17/13         Contract SOW           39635-34-2         PCB Congener #162         0.0029 U         ng/m3         0.0029         7/03/13         7/17/13         Contract SOW           74472-45-0         PCB Congener #164         0.0029 U         ng/m3         0.0029         7/03/13         7/17/13         Contract SOW           74472-46-1         PCB Congener #165         0.0029 U         ng/m3         0.0029         7/03/13         7/17/13         Contract SOW           52663-72-6         PCB Congener #167         0.0029 U         ng/m3         0.0029         7/03/13         7/17/13         Contract SOW           32774-16-6         PCB Congener #169         0.0029 U         ng/m3         0.0029         7/03/13         7/17/13         Contract SOW           35065-30-6         PCB Congener #170         0.0034         ng/m3         0.0029         7/03/13         7/17/13         Contract SOW           84-8000891         PCB Congener #171 and/of 173         0.0058 U         ng/m3         0.0029         7/03/13         7/17/13         Contract SOW           38411-25-5         PCB Congener #172         0.0029 U         ng/m3         0.0029 <t< td=""><td>39635-35-3</td><td>PCB Congener #159</td><td>0.0029 U</td><td>ng/m3</td><td>0.0029 7/03/13</td><td>7/17/13 Contract SOW</td></t<>	39635-35-3	PCB Congener #159	0.0029 U	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
39635-34-2 PCB Congener #162 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-45-0 PCB Congener #164 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-46-1 PCB Congener #165 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 52663-72-6 PCB Congener #167 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 32774-16-6 PCB Congener #169 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 35065-30-6 PCB Congener #170 0.0034 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW R4-8000891 PCB Congener #171 and/or-173 0.0058 U ng/m3 0.0058 7/03/13 7/17/13 Contract SOW 52663-74-8 PCB Congener #172 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 38411-25-5 PCB Congener #174 0.0082 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 9CB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW	41411-62-5	PCB Congener #160	0.0029 ⊍	ng/m3:	0.0029 7/03/13	7/17/13 Contract SOW
74472-45-0 PCB Congener #164 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 74472-46-1 PCB Congener #165 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 52663-72-6 PCB Congener #167 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 32774-16-6 PCB Congener #169 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 35065-30-6 PCB Congener #170 0.0034 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW R4-8000891 PCB Congener #171 and/or-173 0.0058 U ng/m3 0.0058 7/03/13 7/17/13 Contract SOW 52663-74-8 PCB Congener #172 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 38411-25-5 PCB Congener #174 0.0082 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 40186-70-7 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW	74472-43-8	PCB Congener #161	0.0029 U	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
74472-46-1         PCB Congener #165         0.0029 U         ng/m3         0.0029 7/03/13         7/17/13         Contract SOW           52663-72-6         PCB Congener #167         0.0029 U         ng/m3         0.0029 7/03/13         7/17/13         Contract SOW           32774-16-6 PCB Congener #169         0.0029 U         ng/m3         0.0029 7/03/13         7/17/13         Contract SOW           35065-30-6         PCB Congener #170         0.0034         ng/m3         0.0029 7/03/13         7/17/13         Contract SOW           R4-8000891         PCB Congener #171 and/or 173         0.0058 U         ng/m3         0.0058         7/03/13         7/17/13         Contract SOW           52663-74-8         PCB Congener #172         0.0029 U         ng/m3         0.0029         7/03/13         7/17/13         Contract SOW           38411-25-5         PCB Congener #174         0.0082         ng/m3         0.0029         7/03/13         7/17/13         Contract SOW           40186-70-7         PCB Congener #175         0.0029 U         ng/m3         0.0029         7/03/13         7/17/13         Contract SOW	39635-34-2	PCB Congener #162	0.0029 U =	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
52663-72-6         PCB Congener #167         0.0029 U         ng/m3         0.0029         7/03/13         7/17/13         Contract SOW           32774-16-6 PCB Congener #169         0.0029 U         ng/m3         0.0029         7/03/13         7/17/13         Contract SOW           35065-30-6 PCB Congener #170         0.0034         ng/m3         0.0029         7/03/13         7/17/13         Contract SOW           R4-8000891 PCB Congener #171 and/or-173         0.0058 U         ng/m3         0.0058         7/03/13         7/17/13         Contract SOW           52663-74-8 PCB Congener #172         0.0029 U         ng/m3         0.0029         7/03/13         7/17/13         Contract SOW           38411-25-5 PCB Congener #174         0.0082         ng/m3         0.0029         7/03/13         7/17/13         Contract SOW           40186-70-7 PCB Congener #175         0.0029 U         ng/m3         0.0029         7/03/13         7/17/13         Contract SOW	74472-45-0	PCB Congener #164	0.0029 _. U	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
32774-16-6 # PCB Congener #169	74472-46-1	PCB Congener #165	0.0029 U	ng/m3 🔭	0.0029 7/03/13	7/17/13 Contract SOW
35065-30-6 PCB Congener #170 0.0034 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW  R4-8000891 PCB Congener #171 and/or-173 0.0058 U ng/m3 0.0058 7/03/13 7/17/13 Contract SOW:  52663-74-8 PCB Congener #172 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW:  38411-25-5 PCB Congener #174 0.0082 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW:  40186-70-7 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW:	52663-72-6	PCB Congener #167	0.0029 U	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
R4-8000891 PCB/Congener #171 and/or 173 0.0058 U ng/m3 0.0058 7/03/13 7/17/13 Contract SOW 52663-74-8 PCB Congener #172 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 38411-25-5 PCB/Congener #174 0.0082 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 40186-70-7 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW	32774-16-6	PCB Congener #169	0.0029 (U	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
52663-74-8 PCB Congener #172 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 38411-25-5 PCB Congener #174 0.0082 ng/m3 0.0029 7/03/13 7/17/13 Contract SOW 40186-70-7 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW	35065-30-6	PCB Congener #170	0.0034	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
38411-25-5 PCB Congener #174 0 0082 ng/m3 0:0029 7/03/13 7/17/13 Contract SOW 40186-70-7 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW	R4-8000891	PCB Congener #171 and/or/173	- 0.0058 U	ng/m3	0.0058 7/03/13	7/17/13 Contract SOW:
40186-70-7 PCB Congener #175 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW	52663-74-8	PCB Congener #172	0.00 <b>29</b> U	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
	38411-25-5	PCB Congener #174	0.0082	ng/m3	0.0029 7/03/13	7/1/7/13 Contract SOW
52663-65-7 PCB Congener #176 0.0029 U ng/m3 0.0029 7/03/13 7/17/13 Contract SOW	40186-70-7	PCB Congener #175	0.0029 U	ng/m3 ·	0.0029 7/03/13	7/17/13 Contract SOW
	52663-65-7	PCB Congener #176	0.0029 U 📑 🚉 🖔	ng/m3	0.0029	7/17/13 - Contract/SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

### **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JDAA062513

Station ID: <u>J</u>

Lab ID: C133003-08

Matrix: Air

Date Collected: 6/25/13 11:00

Date Col	lected: 6/25/13 11:00	7. Table 1.			
C4S Number	Analyte	Results Qualifiers	Units	MRL Preparei	I Analyzeil Method
52663-70-4	PCB Congener #177	0.0044	ng/m3.	0.0029 7/03/13	7/17/13 Contract SOW
52663-67-9-	PCB Congener #178	0.0029 U	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
52663-64-6	PCB Congener #179	0.0080	ng/m3 =	0.0029 7/03/13	7/17/13 Contract SOW
R4-8000892	PCB Congener #180 and/or 193	0.012	ng/m3	. 0.0058 7/03/13	7/17/13 Contract SOW
74472-47-2	PCB Congener #181	0.0029 U	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
60145-23-5	PCB Congener #182	0.0029 U	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
R4-8000893	PCB Congener #183 and/or 185	0:0068	ng/m3	0.0058 7/03/13	7/17/13 Contract SOW
74472-48-3	PCB Congener #184	0.0029 U	. ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
74472-49-4	PCB Congener #186	0.0029 U	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
52663-68-0	PCB Congener #187	0.016	∙ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
74487-85-7	PCB Congener #188	- 0.0029 U.	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
39635-31-9	PCB Congener #189	-0.0029 U	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
41411-64-7	PCB Congener #190 x	0:0029-U	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
74472-50-7	PCB Congener #191	0.0029 Ú	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
74472-51-8	PCB Congener #192	0.0029 U	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
35694-08-7	PCB Congener #194	0.0029 U	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
52663-78-2	PCB Congener #195	0.0029 U	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
42740-50-1	PCB Congener #196	0.0029 U	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
R4-8000894	PCB Congener #197 and/or 200	0.0058 U	ng/m3	0.0058 7/03/13	7/17/13 Contract SOW
R4-8000895	PCB Congener #198 and/or 199	0.0058 U	ng/m3	0.0058 7/03/13	7/17/13 Contract SOW
40186-71-8	PCB Congener #201	0.0029 U	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
2136-99-4	PCB Congener #202	0.0047	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
52663-76-0	PCB Congener #203	0.0030	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
74472-52-9	PCB Congener #204	0.0029 U	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
74472-53-0	PCB Congener #205 +	0.0029 U 🕌 💆	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
40186-72-9	PCB Congener #206	0.0029 U	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
52663-79-3	PCB Congener #207	0.0029 U	ng/m3	0.0029 - 7/03/13	7/17/13 Contract SOW
52663-77-1	PCB Congener #208	0.0033	ng/m3	0.0029 7/03/13	7/17/13 Contract SOW
2051-24-3	PCB Congener #209	±(0.0029°U	ng/m3	0:0029 7/03/13	7/17/13 Contract SOW
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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

### **PCB Aroclors**

Project: 13-0363, Anniston PCB Air Study

Sample ID: JDAA062513

Lab ID: C133003-08

Station ID: <u>J</u>

Matrix: Air

Date Collected: 6/25/13 11:00

CAS Number	-Analyte	Results Qualifiers	Units	MRL	Prapared	Analyzed	Method
25429-29-2	Pentachlorobiphenyl (Total)	0.64	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
R4-8001026	TEQ (Avian Toxic. Equiv. for PCBs, WHO TEQ-98)	0.00086	ng/m3	·	7/03/13	7/17/13	Contract SOW
R4-8001027	TEQ (Fish Toxic Equiv. for PCBs, WHO-TEQ-98)	1.7/E-5	ng/m3		7/03/13	7/17/13	Contract/SOW
R4-8000909	TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05)	0.00038	ng/m3	,	7/03/13	7/17/13	Contract SOW
26914-33-0	Tetrachlorobiphenyl (Total)	2.4	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW
1336-36-3	Total PCBs	13	ng/m3	0.0029	· 7/03/13	7/17/13	Contract SOW
25323-68-6	Trichlorobiphenyl (Total)	4:6	ng/m3	0.0029	7/03/13	7/17/13	Contract SOW



Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

#### **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JDAA062613

Lab ID: C133003-09

Station ID: J

Matrix: Air

Date Collected: 6/26/13 11:11

Date Colle	ected: 0/26/13 11:11	<b>新港</b>					inches]
C4S   Number	Analyte Cyk	Results Qualifiers	Units	MRL	Propareds	Andyzed	Method Page 1
25512-42-9	Dichlorobiphenyl (Total)	5.5	ng/m3	0:0026	7/03/13	7/18/13	Contract SOW
28655-71-2	Heptachlorobiphenyl (Total)	0.077	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
26601-64-9	Hexachlorobiphenyl (Total)	0.30	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW.
27323-18-8	Monochlorobiphenyl (Total)	1.9	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
53742-07-7	Nonachlorobiphenyl (Total)	0.0031	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
55722-26-4	Octachlorobiphenyl (Total)	0.014	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
2051-60-7	PCB Congener # 1	1.8	ng/m3	0.0065	7/03/13	7/18/13	Contract SOW
2051-61-8	PCB Congener # 2	0.018	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
2051-62-9	PCB Congener # 3	0.112	ng/m3] ₄	0.0026	7/03/13	7/18/13	Contract SOW
13029-08-8	PCB Congener # 4	2.3	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
16605-91-7	PCB Congener # 5	0.043	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
25569-80-6	PCB Congener # 6	0.44	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
33284-50-3	PCB Congener # 7/	0.11	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
34883-43-7	PCB Congener # 8	1.9	ng/m3	0.026	7/03/13	7/18/13	Contract SOW
34883-39-1	PCB Congener # .9	0.15	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW (7 )
33146-45-1	PCB Congener # 10	0.12	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
2050-67-1	PCB Congener # 11	0.065 US	ng/m3	0.065	.7/03/13	7/18/13	Contract SOW
R4-8000863	PCB Congener # 12 and/or 13	0.060	ng/m3	0.010	7/03/13	7/18/13	Contract SOW
34883-41-5	PCB Congener # 14	0.0052 U	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
2050-68-2	PCB Congener # 15	0.44	ng/m3	0.026	7/03/13	7/18/13	Contract SOW
38444-78-9	PCB.Congener #116	0:64	ng/m3i	0.0052	7/03/13	7/18/13*	Contract SOW
37680-66-3	PCB Congener # 17	0.72	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
R4-8000864	PCB Congener #18 and/or 30	1.5	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
38444-73-4	PCB Congener # 19	0.34	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8000865	PCB Congener # 20 and/or 28	1.0 400	ng/m3	0.026	7/03/13	7/18/13	Contract SOW
R4-8000866	PCB Congener # 21 and/or 33	0.64	ng/m3	0.010	7/03/13	7/18/13	Contract SOW
38444-85-8	PCB Congener # 22	0.37	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
55720-44-0	PCB Congener # 23	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
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C133003 PCBA FINAL 08 07 13 0845

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

#### **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JDAA062613

Lab ID: C133003-09

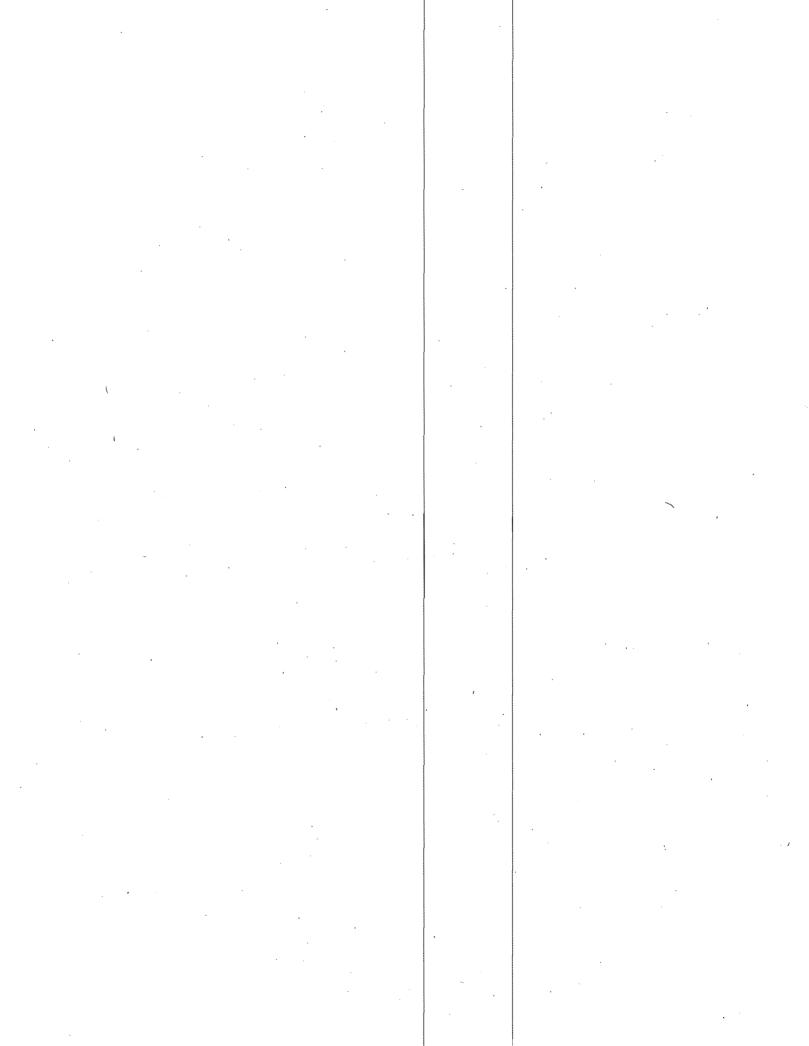
Station ID: <u>J</u>

Matrix: Air

Date Collected: 6/26/13 11:11

C4S	ecteu: 0/20/13 11:11						
Number :	Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
55702-45-9	PCB Congener # 24	0.025	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
55712-37-3	PCB Congener # 25	0.094	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8000867	PCB Congener # 26 and/or 29	0.21	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
38444-76-7	PCB Congener # 27	0.098	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
16606-02-3	PCB Congener #.31	0.96	ng/m3	0.013	7/03/13	7/18/13	Contract SOW
38444-77-8	PCB Congener # 32	0.37	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
37680-68-5	PCB Congener # 34	0.0041	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
37680-69-6	PCB Congener # 35	0.0067	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
38444-87-0	PCB Congener#36	0.0052 U	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
38444-90-5	PCB Congener # 37	0.15	ng/m3	0.026	7/03/13	7/18/13	Contract SOW
53555-66-1	PCB Congener #38	0.0026 ∪	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
38444-88-1	PCB Congener # 39	0.0052 U	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
R4-8001051	PCB Congener # 40 and/or 71	-0.19	ng/m3	0,0052	7/03/13	7/18/13	Contract SOW
52663-59-9	PCB Congener # 41	0.056	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
36559-22-5	PCB Congener, # 42	0.16	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
70362-46-8	PCB Congenér # 43	. 0.022	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
R4-8000869	PCB Congener # 44 and/or 47,65	0.54	ng/m3	0.0078	7/03/13	7/18/13	Contract SOW
R4-8000870	PCB Congener # 45 and/or 51	0.0052 U	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
41464-47-5	PCB Congener # 46	0.050	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
70362-47-9	PCB Congener # 48	0.14	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8000871	PCB Congener # 49 and/or 69	0.37	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
R4-8000872	PCB Congener # 50 and/or 53	0.12	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
35693-99-3	PCB Congener # 52.	0.58	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
15968-05-5	PCB Congener # 54	0.0056	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
74338-24-2	PCB Congener # 55	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
41464-43-1	PCB Congener # 56	0.068	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
70424-67-8	PCB Congener # 57	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
41464-49-7	PCB Congener # 58	0.0026 ∪	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8000873	PCB Congener # 59 and/or 62,75	0:045	ng/m3	0:0078	7/03/13	7/18/13	Contract SOW
	200 mg/s/200	:	the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the sa				

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

#### **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JDAA062613

Station ID: <u>J</u>

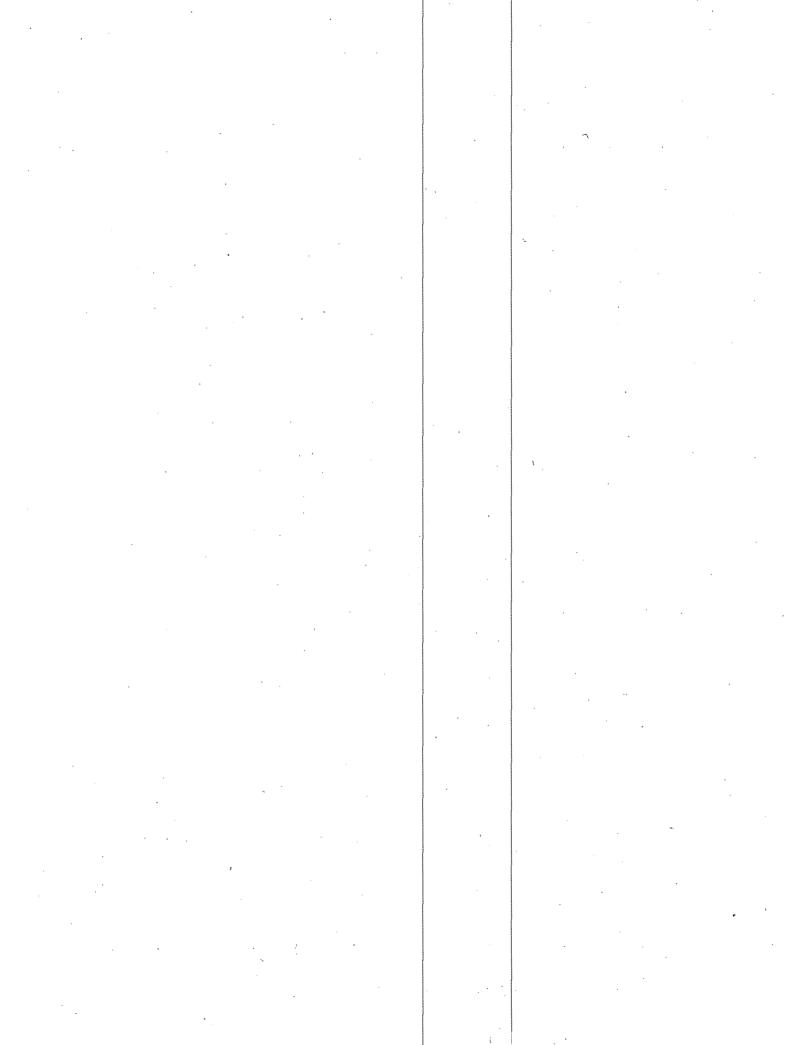
Lab ID: C133003-09

Matrix: Air

Date Collected: 6/26/13 11:11

Date Con	ected: 6/26/13 11:11	*1976			Controlled to the AM Age 1157	Setting secure sources of	Programme a constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution of the constitution o
CAS Number	3.2Analyte	Results Qualifiers	Units	MRL	Prepared	Analyzed	Method
33025-41-1	PCB Congener, # 60	0.037	ng/m3	0,0052	7/03/13	7/18/13	Contract SOW
R4-8000874	PCB Congener # 61 and/or 70,74,76	0.27	ng/m3	0.010	7/03/13	7/18/13	Contract SOW
74472-34-7.	#PCB Congener # 63.4 € €	0.0077	ng/m3	0.0065	∂7/03/13 _s	7/18/13	Contract SOW
52663-58-8	PCB Congener # 64	0.20	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
32598-10-0	PCB Congener # 66	0.15	ng/m3	0.0065	7/03/13	7/18/13	Contract SOW
73575-53-8	PCB Congener # 67	0.0065	ng/m3	0.0026	7/03/13	-7/18/13	Contract SOW
73575-52-7	PCB Congener # 68	0.0040	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
41464-42-0	PCB Congener # 72	0.0052 U	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
74338-23-1	PCB Congener # 73 is the second of the least	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
32598-13-3	PCB Congener # 77	. 0.0088	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
70362-49-1	PCB Congener # 78	0.0026	ng/m3	0.0026	/7/03/13	7/18/13	Centract SOW
41464-48-6	PCB Congener # 79	0.0052 U	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
33284-52-5	PCB Congener # 80	0.0052 U	ng/m3	0:0052	7/03/13	7/18/13	Contract SOW
70362-50-4	PCB Congener # 81	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
52663-62-4	PCB Congener # 82	0.013	ng/m3	0.0065	7/03/13	7/18/13	Contract SOW
60145-20-2	PCB Congener # 83	0.0060	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
52663-60-2	PCB Congener # 84	0.046	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW 100
R4-8000876	PCB Congener # 85 and/or 116,117	0.023	ng/m3	0.0078	7/03/13	7/18/13	Contract SOW
E52450707	PCB Congener # 86 and/or :	0.086	ng/m3	0.016	7/03/13	7/18/13	Contract SOW
R4-8000878	87,97,109,119,125 PCB Congener # 88 and/or 91	0.030	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
73575=57-2:	PCB Congener #-89	0.0026 U	ng/m3	0.0032	TO THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF TH	7/18/13	Contract SOW
R4-8000879	PCB Congener # 90 and/or 101,113	0.14	ng/m3	0.0020		7/18/13	Contract SOW
52663-61-3	PCB Congener # 92	0.026	ng/m3 g⊈ng/m3	0.0078	7/03/13 7/03/13	7/18/13	Contract SOW
R4-8001052	PCB Congener # 93 and/or 100	0.0052 U	ng/m3	0.0020		7/18/13	Contract SOW
73575-55-0	PCB Congener # 94	0.0032 U	ng/m3	0.0032	7/03/13 7/03/13		Contract SOW
38379-99-6	PCB Congener # 95	0.15	ng/m3	0.0052	Sava La Alban	7/18/13	Contract SOW
73575-54-9		0.0040	ng/m3		7/03/13		
R4-8001056	PCB Congener # 98 and/or 102	0.0091	ng/m3	0.0026 0.0052	7/03/13	7/18/13	Contract SOW
127-0001030	1 CD Congener # 76 and/or 102	0.0071	uguis	0.0032	7/03/13	7/18/13	Contract SOW

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

#### **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JDAA062613

Station ID: J

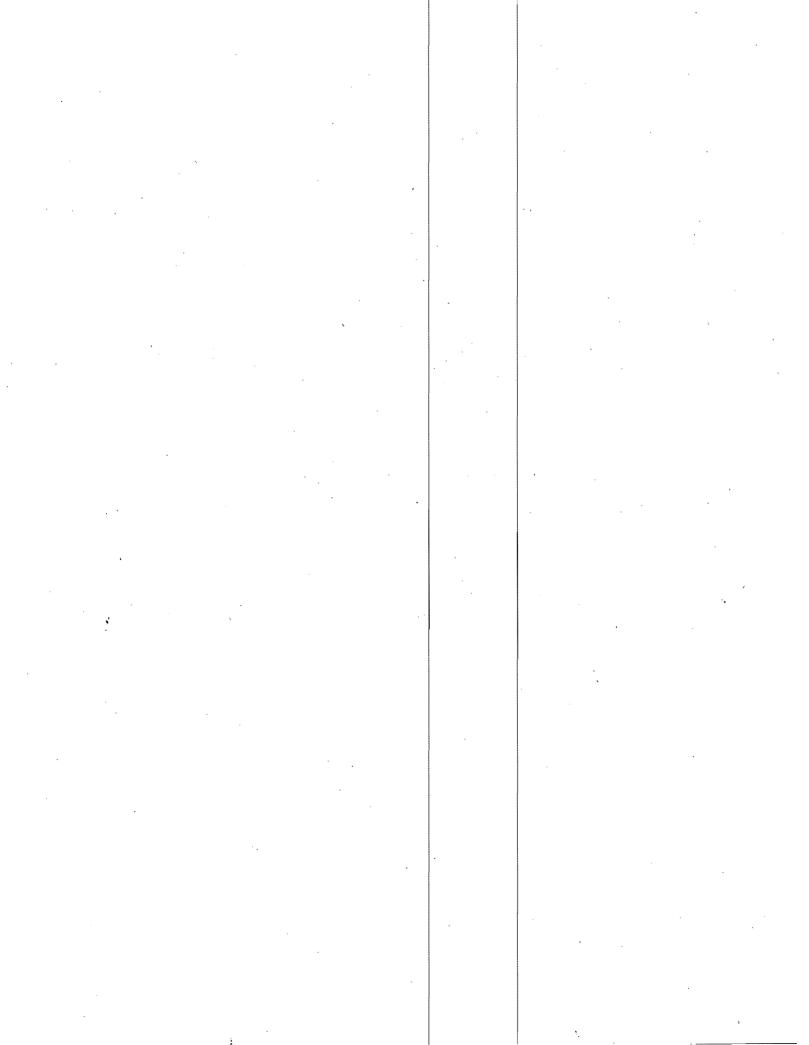
Lab ID: C133003-09

Matrix: Air

Date Collected: 6/26/13 11:11

C4S Number	Analive	Results Outlifiers	unis	MRL	Propared	Amh-of	
38380-01-7	PCB Congener # 99	0.070	ng/m3	0:0026	7/03/13		Contract SOW 2
60145-21-3	PCB Congener #103	0.076 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
56558-16-8	PCB Congener #104	0.00261	ng/m3	0.0003	7/03/13		Contract SOW
32598-14-4	PCB Congener #105	0.024	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
70424-69-0	PCB Congener #106	0.0026 U	ng/m3	0.0026	7/03/13	-7/18/13	Contract SQW
70424-68-9	PCB Congener #107	0.0052 U	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
R4-8001053	PCB Congener #108 and/or 124	0.0052 U	ng/m3 1	0.0052	7/03/13	7/18/13	Contract SOW = 35
R4-8000882	PCB Congener #110 and/or 115	0.12	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
39635-32-0	PCB Congener # Hill	0:0026∶U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
74472-36-9	PCB Congener #112	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
74472-37-0	PCB Congener #114	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
31508-00-6	PCB Congener #118	0.059	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
68194-12-7	PCB Congener #120	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
56558-18-0	PCB Congener #121	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
76842-07-4	PCB Congener #122	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
65510-44-3	PCB Congener #123	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
57465-28-8	PCB Congener #126	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13.	Contract SOW
39635-33-1	PCB Congener #127	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8000883	PCB Congener #128 and/or 166	0.0059	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
R4-8001054	PCB Congener #129 and/or 138,163	0.056	ng/m3	0.0078	7/03/13	7/18/13	Contract SOW
52663 <del>-66</del> -8	PCB Congener:#130	0.0032	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
61798-70-7	PCB Congener #131	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
38380-05-1	PCB Congener #132	0.024	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
35694-04-3	PCB Congener #133	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
52704-70-8	PCB Congener #134	0.0039	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8001055	PCB Congener #135 and/or 151	0.032	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
38411-22-2	PCB Congener #136	0.014	the second	0.0026	7/03/13	7/18/13	Contract SOW
35694-06-5	PCB Congener #137	0.0026	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8000887	PCB Congener #139 and/or 140	0.0052 U	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW

Page 65 of 68 C133003 PCBA FINAL 08 07 13 0845





Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

#### **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JDAA062613

Station ID: <u>J</u>

Lab ID: C133003-09

Matrix: Air

Date Collected: 6/26/13 11:11

Date Coll	ected: 6/26/13 11:11					200	3
CAS Number	Analyte Property of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of t	Results Qualifiers	Units	MRL	Prepared	Anahzed	Method
52712-04-6	PCB Congener#141	0.013	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
41411-61-4	PCB Congener #142	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
68194-15-0	PCB Congener #143	0.0026 U	ng/m3 :	0.0026	-7/03/13 <b>#</b> ,	7/18/13	Contract SOW
68194-14-9	PCB Congener #144	0.0043	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
74472-40-5	PCB.Congener#145	0.0026 U	_ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
51908-16-8	PCB Congener #146	0.0096	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8000888	PCB Congener #147 and/or 149	0.070	ng/m3:	0.010	7/03/137	7/18/13,	-Contract SOW
74472-41-6	PCB Congener #148	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
68194-08-1	PCB Congener #150	_0.0026 U	/ng/m3	0:0026	7/03/13	7/18/13/	Contract SOW
68194-09-2	PCB Congener #152	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8000889	PCB Congener #153 and/or 168	0.057	ng/m3	0.010	7/03/13	7/18/13	Contract SOW (18)
60145-22-4	PCB Congener #154	0:0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
33979-03-2	PCB Congener #155	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8000890	PCB Congener #156 and/or 157	0.0052 U	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
74472-42-7	PCB Congener #158	0.0049	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
39635-35-3`	PCB Congener #159	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
41411-62-5	PCB Congener #160	-0:0026 U	- ng/m3-	0.0026	7/03/13	7/18/13	Contract SOW
74472-43-8	PCB Congener #161	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
39635-34-2	PCB Congener #162	0:0026 U.B.	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
74472-45-0	PCB Congener #164	0.0033	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
74472-46-1	PCB Congener #165	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
52663-72-6	PCB Congener #167.	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
32774-16-6	PCB Congener #169	0.0026 U	ng/m3	0.0026	7/03/13 /2	7/18/13	Contract SOW
35065-30-6	PCB Congener #170	0.0042	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8000891	PCB Congener #17il and/or 173	0.0052 He 🚊 💛 🚧 🗼	ng/m3	0:0052	7/03/13	7/18/13	Contract SOW
52663-74-8	PCB Congener #172	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
38411-25-5	PCB Congener #174	0.011	ng/m3	0.0026	7/03/13	7/18/13.	Contract SOW
40186-70-7	PCB Congener #175	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
52663-65-7	PCB Congener #176	0.0026 U	ng/m3	0.0026	7/03/1 <b>3</b> c _s	7/18/13	Contract SOW (2)
		Y.			1	7.75	1000000

C133003 PCBA FINAL 08 07 13 0845

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Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 13-0036

Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

#### **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JDAA062613

Station ID: <u>J</u>

Lab ID: C133003-09

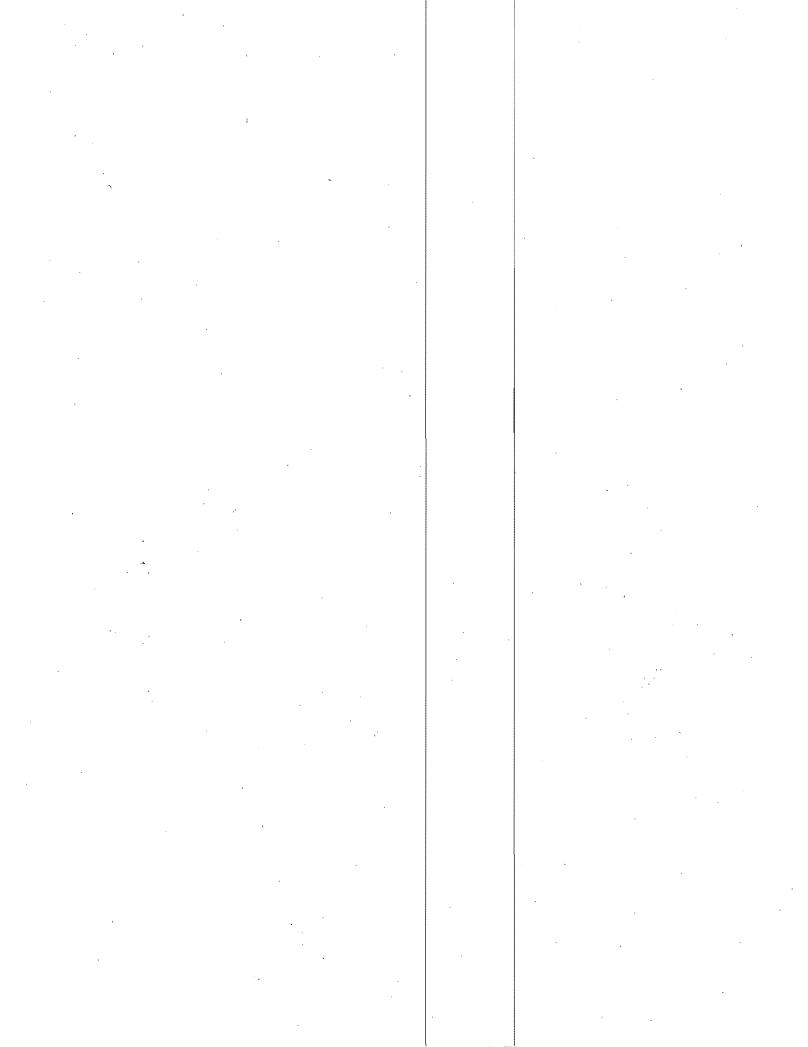
Matrix: Air

Date Collected: 6/26/13 11:11

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52663-70-4	PCB Congener #177		0.0049	ng/m3	0,0026	7/03/13	7/18/13	Contract SOW
52663-67-9	PCB Congener #178		0.0036	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
52663-64-6	PCB Congener #179		0.0097	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8000892	PCB Congener #180 and	Vor 193	0.015	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW .
74472-47-2	PCB Congener #181	Same or Desire	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
60145-23-5	PCB Congener #182		0.0026 U	ng/m3	0:0026	7/03/13	7/18/13	Contract SOW
R4-8000893	PCB Congener #183 and	Vor 185	0:0092	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
74472-48-3	PCB Congener #184		0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
74472-49-4	PCB Congener #186		0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
52663-68-0	PCB Congener #187	a anguni kangganga unggang ganar ru anggungananan menguna atau padam ya rang render seres menang	0.019	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
74487-85-7	PCB Congener #188	1995 - 1996 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997	0:0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
39635-31-9	PCB Congener #189		0.0026 ∪	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
41411-64-7	PCB Congener#190	13 7	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
74472-50-7	PCB Congener #191		0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
74472-51-8	PCB Congener #192		0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
35694-08-7	PCB Congener #194		0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
52663-78-2	PCB Congener#195		0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
42740-50-1	PCB Congener #196	· · · · · · · · · · · · · · · · · · ·	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
R4-8000894	PCB Congener #197 and	i/or 200	0.0052 U	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
R4-8000895	PCB Congener #198 and	d/or 199	0.0056	ng/m3	0.0052	7/03/13	7/18/13	Contract SOW
40186-71-8	PCB Congener #201	Land All Land	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
2136-99-4	PCB Congener #202	,	0.0045	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
52663-76-0	PCB Congener,#203		0.0034	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
74472-52-9	PCB Congener #204	ra (1995) (in 1984) kan sang pada ranah melek dikunda dikada dikunda dikunda di Baraha (in 1986) kan bahan baha Tengan pada dikan sang pada dikan bermin dikunda dikunda dikunda dikunda di Baraha (in 1986) kan bahan bahan b	0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
74472-53-Ò	PCB Congener #205		0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW****
40186-72-9	PCB Congener #206		0.0026 U	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
52663-79-3	PCB Congener #207	Property and the	0:0026	ng/m3	0.0026	7/03/13	7/18/13	Contract SOW
52663-77-1	PCB Congener #208	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	0.0031	ng/m ³	0.0026	7/03/13	7/18/13	Contract SOW
2051-24-3	PCB Congener #209		0.0026;⊎	ng/m3	0.0026	7/03/13	7/18/13	Coutract SOW

Page 67 of 68

C133003 PCBA FINAL 08 07 13 0845





Region 4 Science and Ecosystem Support Division 980 College Station Road, Athens, Georgia 30605-2700

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Project: 13-0363, Anniston PCB Air Study - Reported by Jeffrey Hendel

#### **PCB** Aroclors

Project: 13-0363, Anniston PCB Air Study

Sample ID: JDAA062613

Station ID:  $\underline{J}$ 

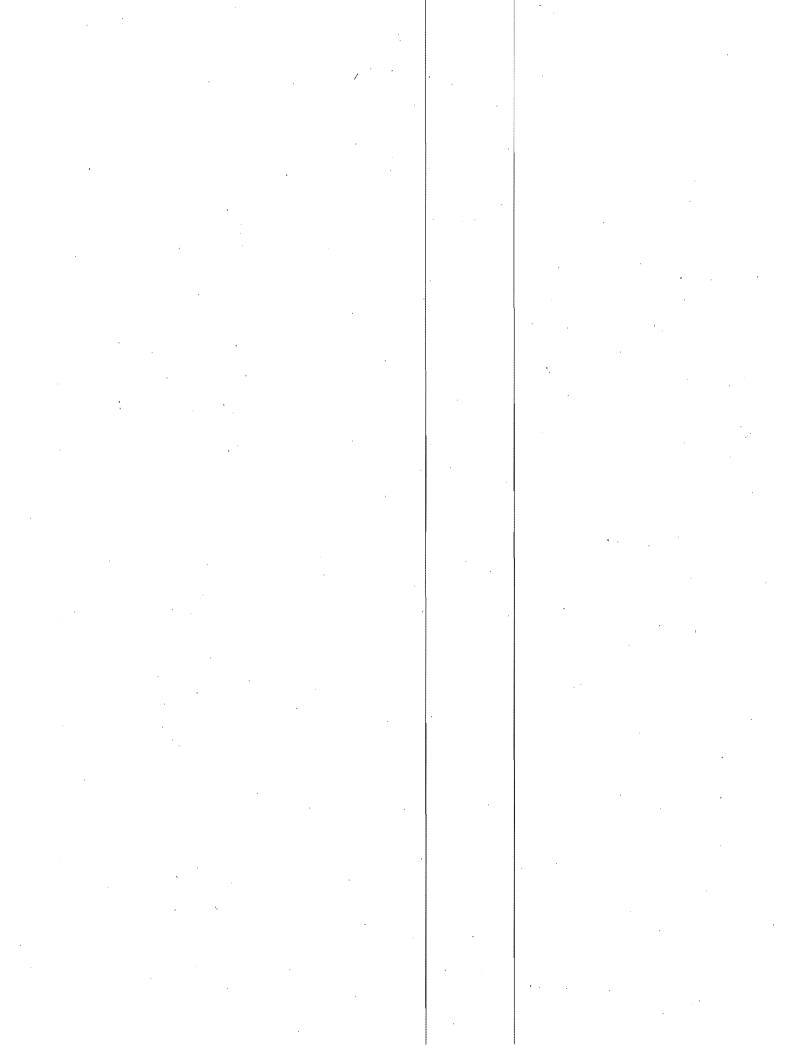
Lab ID: C133003-09

Matrix: Air

Date Collected: 6/26/13 11:11

C 150 Number 54		Results Qualifiers	Units 2.5	MRL Prepared	Analyzed	Methods
25429-29-2	Pentachlorobiphenyl (Total)	0.80	ng/m3 0:(	0026 7/03/13	7/18/13	Contract SOW
R4-8001026	TEQ (Avian Toxic Equiv. for PCBs, WHO TEO-98)	0.00097	ng/m3	7/03/13	7/18/13	Contract SOW
R4-8001027	TEO (Fish Toxic Equiv. for PCBs, WHO TEO-98)	1.6E-S	ng/m3	7/03/13	7/18/13	Contract SOW
R4-8000909	TEQ (Mammalian Toxic. Equiv. for PCBs, WHO TEQ-05)	0.00034	ng/m3	7/03/13	7/18/13	Contract SOW
26914-33-0	Tetrachlorobiphenyl (Total)	3.0	ng/m3 0:(	0026 7/03/13	7/18/13	Contract SOW
1336-36-3	Total PCBs	19	ng/m3 0.0	0026 7/03/13	7/18/13	Contract SOW
25323-68-6	Trichlorobiphenyl (Total)	7.1		0026 7/03/13	7/18/13	Contract SOW

C133003 PCBA FINAL 08 07 13 0845



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## APPENDIX E

## FIELD LOGBOOK

(19 pages)

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# **US EPA Region 4**

### AMBIENT AIR PCB STUDY

Anniston, Alabama SESD Project Identification Number: 13-0363 June 2013

## PCB AIR SAMPLING LOGBOOK

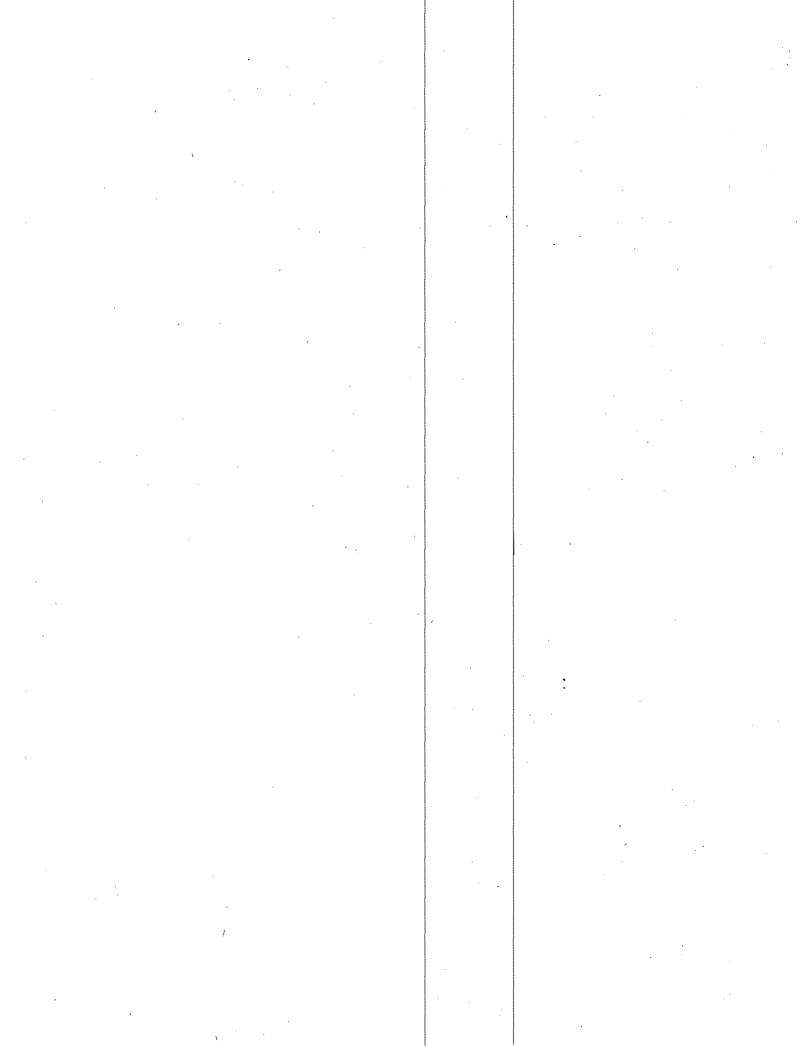
LOGBOOK _/ OF _/

DATES: (14 25 2013 THRU: 11 27, 2013)



### List of personnel in logbook:

Name 11m Slayle	Initials	Organization/Duties	,Team Leader
Don Fortson	QP	ESAT /SAMPLER	
Brian Herndon	BH	BIAT / Samples	
		t. *** • • •	
		•	



# US EPA Region 4 AMBIENT AIR PCB STUDY

Anniston, Alabama
SESD Project Identification Number: 13-0363
June 2013

Station I.D. #R4DART# Sample I.D. FB 062513
Site AIRS ID# NA
GPS Location NA
Site Description placed in Syac Sampler R4-P-011
SVOC Sampler ID # $R4-P-011$ Site Operator $\overline{TS}$ , $RH$ , $DF$
Orifice # Digital Manometer # #
Pressure Std # NA Temperature Std # NA
Start Date <u>6/25/13</u> Start Time <u>08:53</u>
Stop Date $6/25/13$ Stop Time $08.53$
Elapsed Time Temperature Barometric Manometer Flowrate
(eC)         (mm/Hg)         (in:H2O)         (sip:m/minute)           Start         049.35         A         A         A           End         49.35         A         A         A
Avelage
Total Collection Time (minutes)
Total Collection Volume (stp, m ³ )

Continued next page

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# US EPA Region 4 AMBIENT AIR PCB STUDY

Anniston, Alabama SESD Project Identification Number: 13-0363
June 2013

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# **US EPA Region 4**

# AMBIENT AIR PCB STUDY

## Anniston, Alabama

SESD Project Identification Number: 13-0363 June 2013

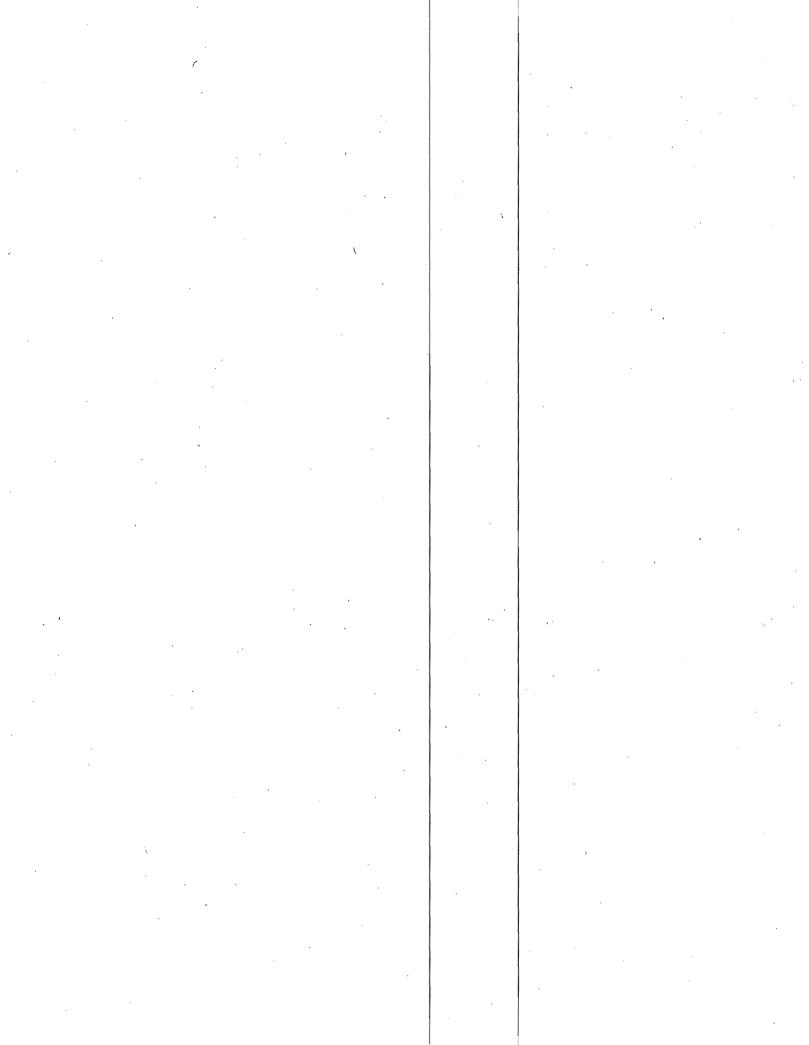
Station I.D. F S	ample I.D. <u>FAA 062513</u>
Site AIRS ID # NA	
(DGPS Location N 33.65977°, w	-85.843710 +184
Site Description Stephens Avc. +	West 12th St Snow Creek op Genter
SVOC Sampler ID # R4-P-011	$\mathcal{F}$
Orifice #	Digital Manometer # _O//3/) - 0 /
Pressure Std # 628-99-08	Temperature Std# 070807-08
Start Date 6-25-13 Start Time	e <u>09:10</u>
Stop Date 6/26/13 Stop Time	09/10

Elapsed Time	Temperature	Barometric	Manometer	Flowrate (stp. m³/minute)
Start 49.35	30.2	747.51	1.22	BE10H
End 3 73.82	29.0	745.56	1.15	201101 "
Average,	29.6	746.535	1.185	0.102

Total Collection Time (minutes)	1440	
Total Collection Volume (stp, m ³ )	147.0	·

Start Magnehelic: 12
End Magnehelic: 12 Continued next page

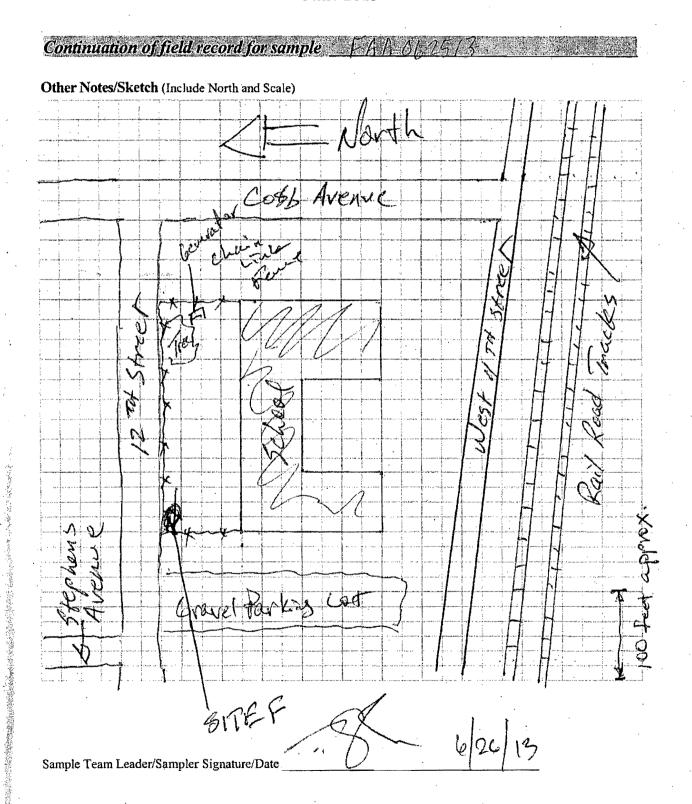
Start Voltage 110 VT



# **US EPA Region 4**

### AMBIENT AIR PCB STUDY

Anniston, Alabama SESD Project Identification Number: 13-0363 June 2013



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Anniston, Alabama
SESD Project Identification Number: 13-0363
June 2013

Station	n I.D. I Sample I.D. IAA 062513
Site A	IRS ID#AA
① GPS L	Location 33.64780°N, -85.86642W =17ft
Site D	Description Ms. Sarys Property, 300 Parker St., Anniston, AL
svoc	Sampler ID# 24-P-010 Site Operator Forban //kinder
Orifice	e # 1132 Digital Manometer # 611311-01
Pressu	ire Std # <u>628-99-08</u> Temperature Std # <u>020807-08</u>
	/
Start I	Date <u>06/25/13</u> Start Time <u>10:04</u>
800 A 1	Date 06/26/13 Stop Time 10:04

	Elapsed Time	Temperature.	Barometric	Manometer	Flowrate
ý		(c) 27	(mmHg)	(in H₂O)	(stp, m ³ /minute)
A Parties	Start 2491.99	29.9 29.0	745.66	1.40	0.112
	End 2516.10	31.6	743.60	1.47	.0.114
	Average	30.3	744.63	1,435	0.113

Total Collection Time (minutes)	1440	,
Fotal Collection Volume (stp, m ³ )	162.4	

Magnehelia Start:	15	
March II. Con	14" 140	
spreadic and:		Continued next page

Vollage: 122V

Page 6 of 51

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## AMBIENT AIR PCB STUDY

Anniston, Alabama SESD Project Identification Number: 13-0363 June 2013

# Continuation of field record for sample IAA062513

Other Notes/Sketch (Include North and Scale) Road median was sprayed (herbicide, pesticide?) during sample setup. sweet odor in the air. Chemical in reture. Lorse SITE I - unside SE cormer of chain wind fenc P. Brewer Huy Albert

Sample Team Leader/Sampler Signature/Date

A 6/21/3

•

# Anniston, Alabama

**SESD Project Identification Number: 13-0363 June 2013** 

,	Station I.D. Sample I.D. JAA062513
	Site AIRS ID # NA
C	GPS Location 33.65582°N, -85.85396°W = 12ft
	Site Description West 10th + Parkwin Ave Solutia Property
:	SVOC Sampler ID # R4-P-004 Site Operator TS, BH, DF
· · · · · · · · · · · · · · · · · · ·	Orifice # 1132 Digital Manometer # 011312-01
	Pressure Std # <u>628-99-08</u> Temperature Std # <u>020807-08</u>
・ (4)。 (2) (2)	Start Date 06/25/13 Start Time 11:00
	Stop Date 06/26/13 Stop Time 11:00
	Elapsed Time   Temperature   Barometric   Manometer   Flowrate
	Start 1870.36 328 33.4 746.35 1-40 0.111 End 1894.73 33.7 744.26 1.32 0.107
	End 1894.73 33.7 744.26 1.32 0.107 Average 33.55 745.306 1.36 0.109
	***************************************
	Total Collection Time (minutes)
Me ur	Total Collection Volume (stp, m³) 157.0
	relie Start: 15
Magne	helic End: 14"Hzo
	Continued next page
Start	= Voltage: 118V

Page 8 of 51

# AMBIENT AIR PCB STUDY

Anniston, Alabama SESD Project Identification Number: 13-0363 June 2013

Continuation of field record for sample JAA062513 Other Notes/Sketch (Include North and Scale) Sweet odor in air. 86316 Parillias

Sample Team Leader/Sampler Signature/Date

DUMMUNT Y

· Ch 6/24/13

SILI

. 7-1

# AMBIENT AIR PCB STUDY

# Anniston, Alabama **SESD Project Identification Number: 13-0363** June 2013

	Station I.D. J Sample I.D. JDAA 067513
	Site AIRS ID# NA
	GPS Location See pg 8
÷	Site Description West 10th + Parkwin Ave. Solutia Collocated Duplicate
	SVOC Sampler ID # R4-P-005 Site Operator T5, BH, DF
	Orifice # 1132 Digital Manometer # 011311-01
	Pressure Std # <u>628-99-08</u> Temperature Std # <u>02.0807-08</u>
	***************************************
	Start Date <u>06/25/13</u> Start Time <u>//:00</u>
	Stop Date 06/26 13 Stop Time 11:00
•	Elapsed Time Temperature Barometric Manometer Flowrate (in Hy) (in Hy) (stp. m ¹ /minute)
	Start 514 82 30.0 746,34 1.04 0.099 End 539.19 33.8 74.26 1.12 0.098
	Average 31.9 745.3 1.08 0.097
	Total Collection Time (minutes)  440
	Total Collection Volume (stp, m³) 139.2
Magn	ehelic Start: 14
Magr	ehelic Start: 14  Lehelic End: 14 HLO  Continued next page

Start Voltage: 116V

Page 10 of 51

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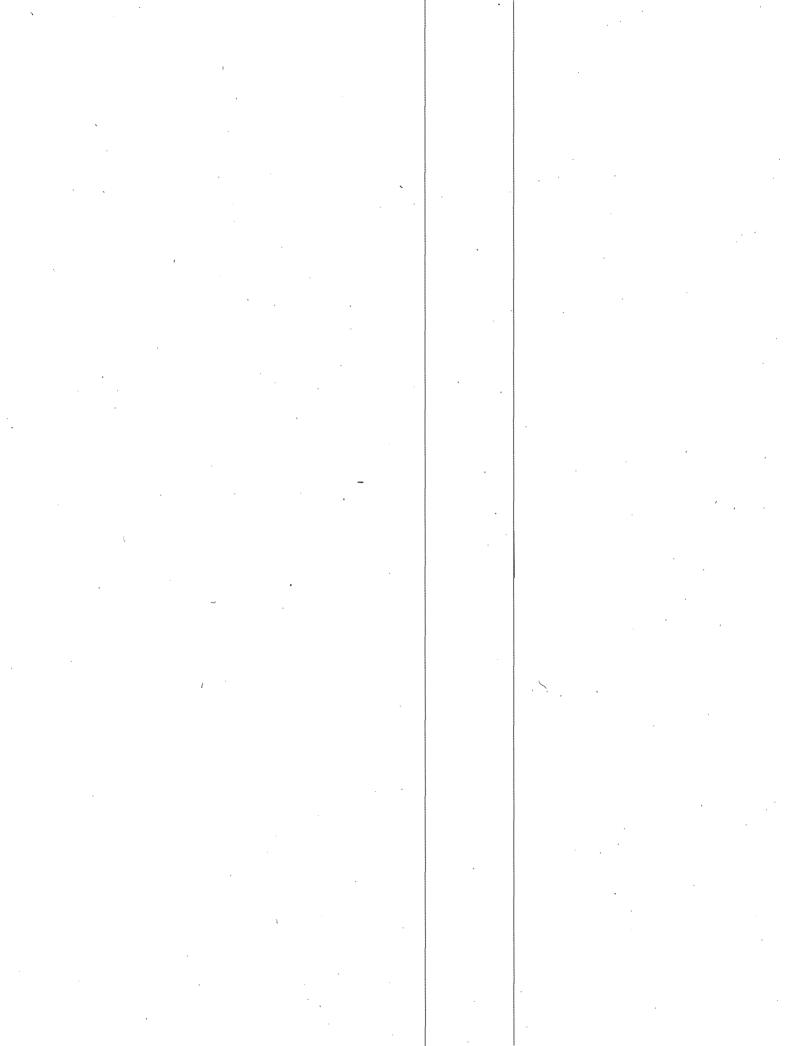
## Anniston, Alabama SESD Project Identification Number: 13-0363 June 2013

Continuation of field record for sample TDAA 062513

Other Notes/Sketch (Include North and Scale) Field Deplicate Sample

Sample Team Leader/Sampler Signature/Date

Page 11 of 51



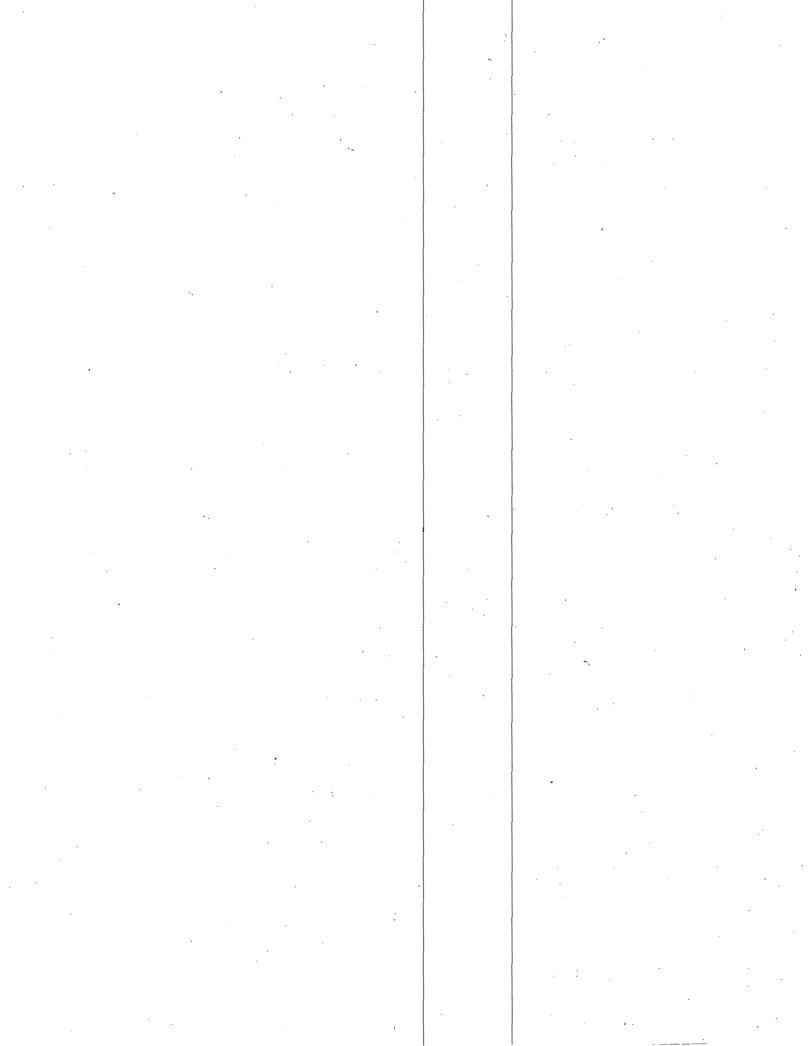
# AMBIENT AIR PCB STUDY

Anniston, Alabama
SESD Project Identification Number: 13-0363
June 2013

Station I.D. F	Sample I.D. FAA06261	3 -
Site AIRS ID#	NA	
GPS Location see page	4	
Site Description Step Lens	Let West 12th St, Snow Creek Op C	Center
SVOC Sampler ID # <u>P4</u> -	Site Operator <u>TS</u> , B#,	DF
Orifice #	Digital Manometer # 01131	1-01
Pressure Std # <u>628-99-6</u>	8 Temperature Std # <u>02080</u>	7-08
*******************		************
Start Date <u>6/26/13</u>	_ Start Time _ 9:22	
Stop Date	Q = 7 )	
Stop Mailis	Stop Time 4-22	
Elapsed Time	Temperature Barometric Manometer	
Elapsed Time	Temperature Barometric Manometer (cc) (mn/H2) (in H2O)	(sip m³/minute)
Elapsed Time	Temperature Barometric Manometer	
Elapsed Time Start 73.87	Temperature Barometric Manometer (no. 1150)  294 745.51 1.34	(stp. m³/minute)
Elapsed Time Start 73.87 End 98.29	Temperature Barometric Manometer (mn/Hg). (in/H30).  29.4 745.51 1.34  26.6 742.29. 1.30	(stp.:m¹/minute) O.:109 O.:40%
Elapsed Time Start 73.87 End 98.29	Temperature Barometric Manometer (in H50)  29.4 745.51 1.34  26.6 742.29 1.32	(stp.:m¹/minute) O.:109 O.:40%

Magnethelic start: 14"
" H20
Magnethelic end: 14"

Continued next page

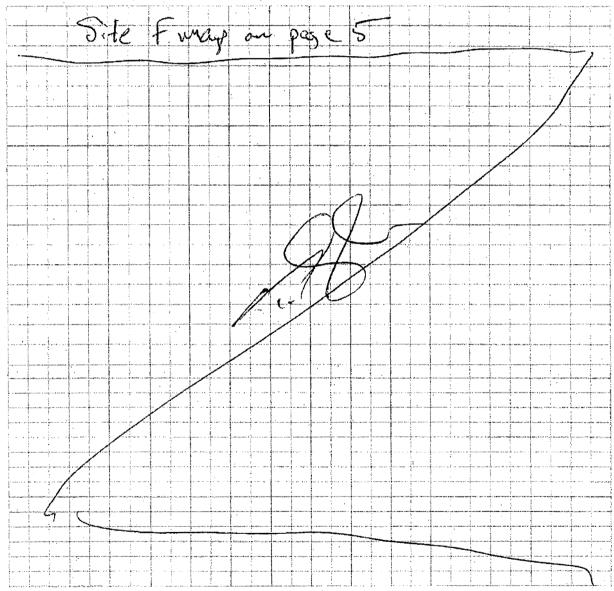


# AMBIENT AIR PCB STUDY

Anniston, Alabama
SESD Project Identification Number: 13-0363
June 2013

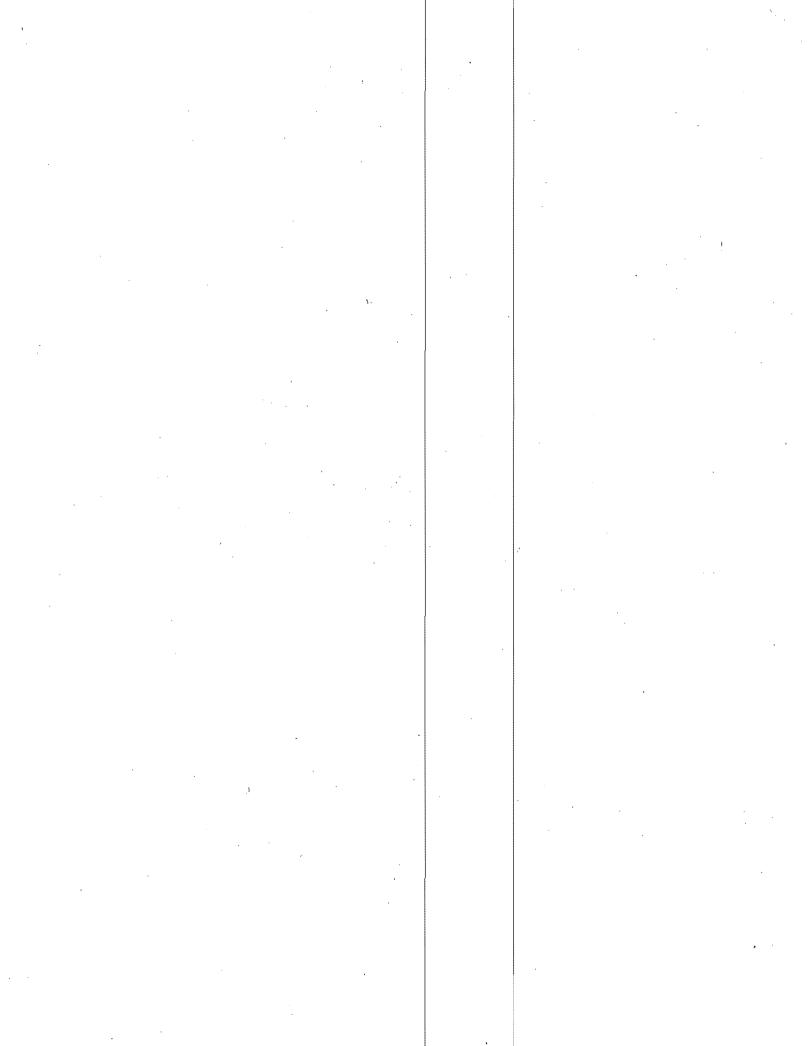
Continuation of field record for sample FAACO2613

Other Notes/Sketch (Include North and Scale)



Sample Team Leader/Sampler Signature/Date

Page 13 of 51



US EPA Region 4
AMBIENT AIR PCB STUDY
Anniston, Alabama
SESD Project Identification Number: 13-0363
June 2013

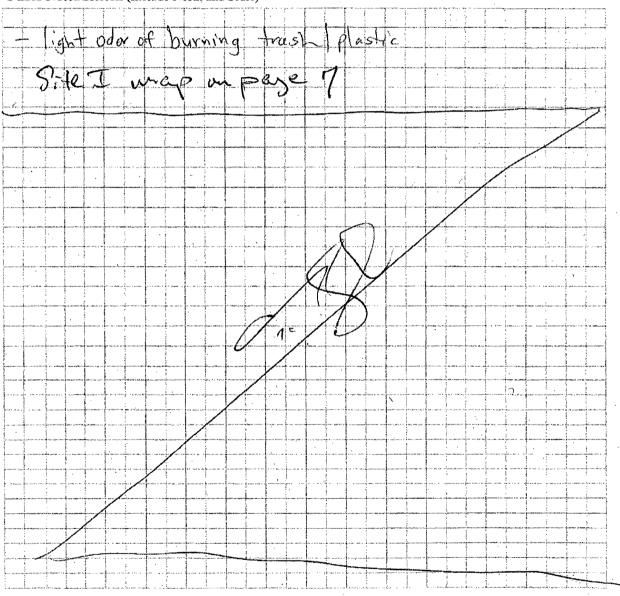
Station I.D Sample I.D				
Site AIRS ID #				
GPS Location <u>see page</u> 6				
Site Description Ms Songer Property, 300 Parkers St Anniston, AL				
SVOC Sampler ID # R4-P-010 Site Operator TS/BH/DF				
Orifice # Digital Manometer # <u>01/31/-01</u>				
Pressure Std # <u>628-99-08</u> Temperature Std # <u>020807-08</u>				
***************************************				
Start Date $6/26/13$ Start Time 10:12				
Stop Date <u>6/27/13</u> Stop Time <u>10:12</u>				
Elapsed Time Temperature Barometric Manometer Flowrate (in H.O) (stp. m³/minute)				
Start 2516.10 30.5 743.60 1.48 69.115				
End 540.15 26.8 740.72 1.45 0.14  Average 28.65 742.16 1.465 0.114				
***************************************				
Total Collection Time (minutes) 1440				
Total Collection Volume (stp, m³) 164.4				
ic stad: 16				
ic stad: 16 "H2O elic stops 16				
Continued next page				

## AMBIENT AIR PCB STUDY

Anniston, Alabama SESD Project Identification Number: 13-0363 June 2013

# Continuation of field record for sample IAAO(2613*

Other Notes/Sketch (Include North and Scale)



Sample Team Leader/Sampler Signature/Date

1. Dayle 6/29/13

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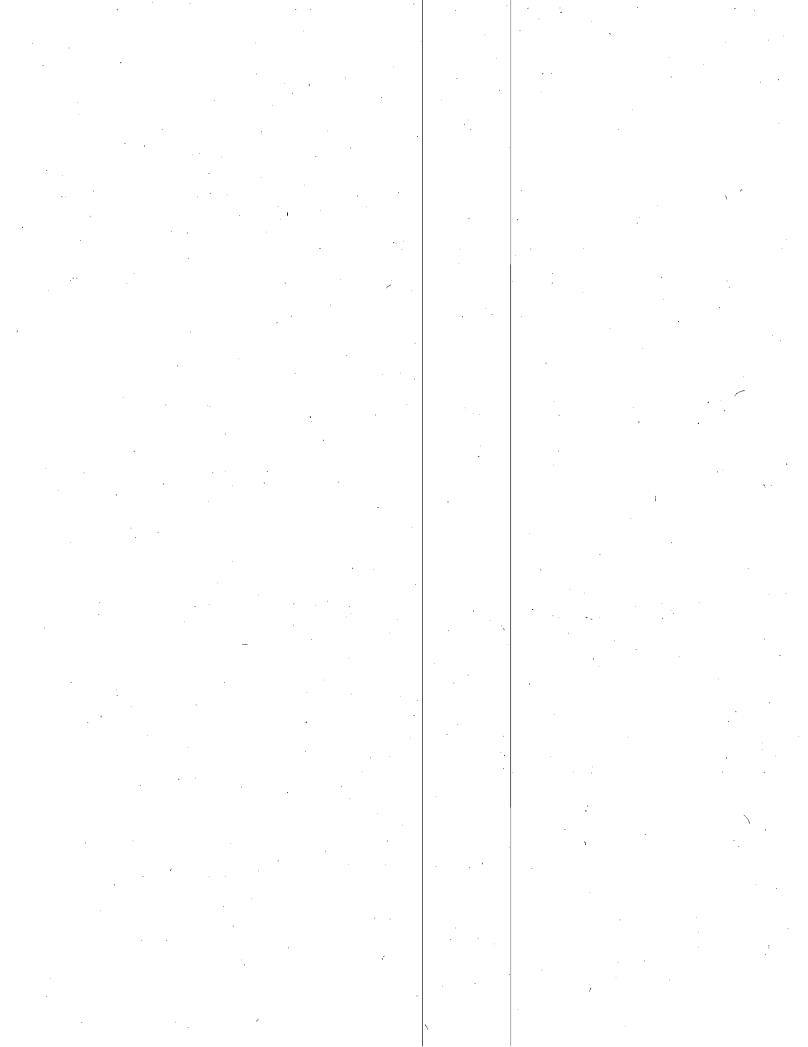
# Anniston, Alabama

# SESD Project Identification Number: 13-0363 June 2013

Station I.D. J Sample I.D. JAA062613
Site AIRS ID # NA
GPS Location <u>see page</u> 8
Site Description West 10th + Parky in Ave Solution / Eastman Property
SVOC Sampler ID # R4-P-004 Site Operator TS/BH/DF
Orifice # Digital Manometer #
Pressure Std # 628-99-08 Temperature Std # 020807-08
Start Date 6/26/13 Start Time 11:11
Stop Date <u>6/27/13</u> Stop Time 11:11
Elapsed Time Temperature Barometric Manometer Flowrate (sC) (mn Hg) (in H2O) (stp. m³/minute)
Start 1894.73 30.8 744.20 1.29 0706
End 1919. 15 27.2 741.19 1.26 0.106 Average 290 742.696 1.275 0.106
***************************************
Total Collection Time (minutes)
Total Collection Volume (stp, m³) 152.7
18

Magnehelic Start: 18 "1/20 Magnehelic End: 23

Continued next page



Anniston, Alabama **SESD Project Identification Number: 13-0363** June 2013

# Continuation of field record for sample 3744062613 Other Notes/Sketch (Include North and Scale) checked on Met. Station @ 10:42 tage = 12.37V

Sample Team Leader/Sampler Signature/Date

Page 17 of 51

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# Anniston, Alabama

## SESD Project Identification Number: 13-0363 June 2013

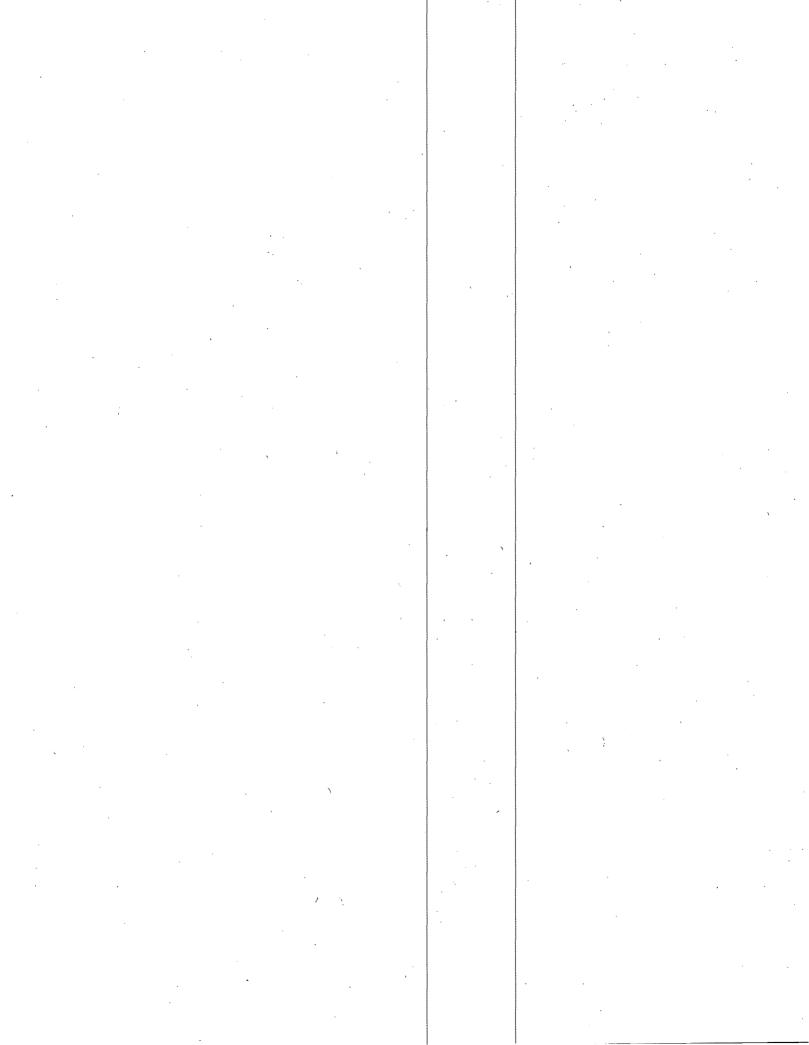
Station I.D.	<u> </u>	Sample I.D.	JDAA062	613		
Site AIRS ID#_	NA			**		
GPS Location	see page 8	: .				
Site Description	See page 8					
SVOC Sampler l	ID# <u>R4-P-005</u>	Site Op	perator TS/BH	IDF		
Orifice#	1)32	Digital Ma	nometer # <u>011</u>	311-01		
Pressure Std # 628 99 - 08 Temperature Std # 620807 - 68						
Start Date 6/2	60/13 Start	Time \\\\				
Stop Date 6/27	<i>f</i> '	Гіте <u>  \  \  \  \</u>				
``	·					
Elapse	d Time Temper		tric   Manome			
Start 5391				0.107		
End 363.6	0 27.0	2 741.1	9 1,26	0.106		
Average	29.4	742.6	95 1.285	0.106		
	*************					
Total Collection	Time (minutes)	1440	,			
	· · · · · · · · · · · · · · · · · · ·	, , ,				

Magnetelic Start: 15
"1/20".
Magnetelic End: 16.

Total Collection Volume (stp, m³)

Continued next page

153.3

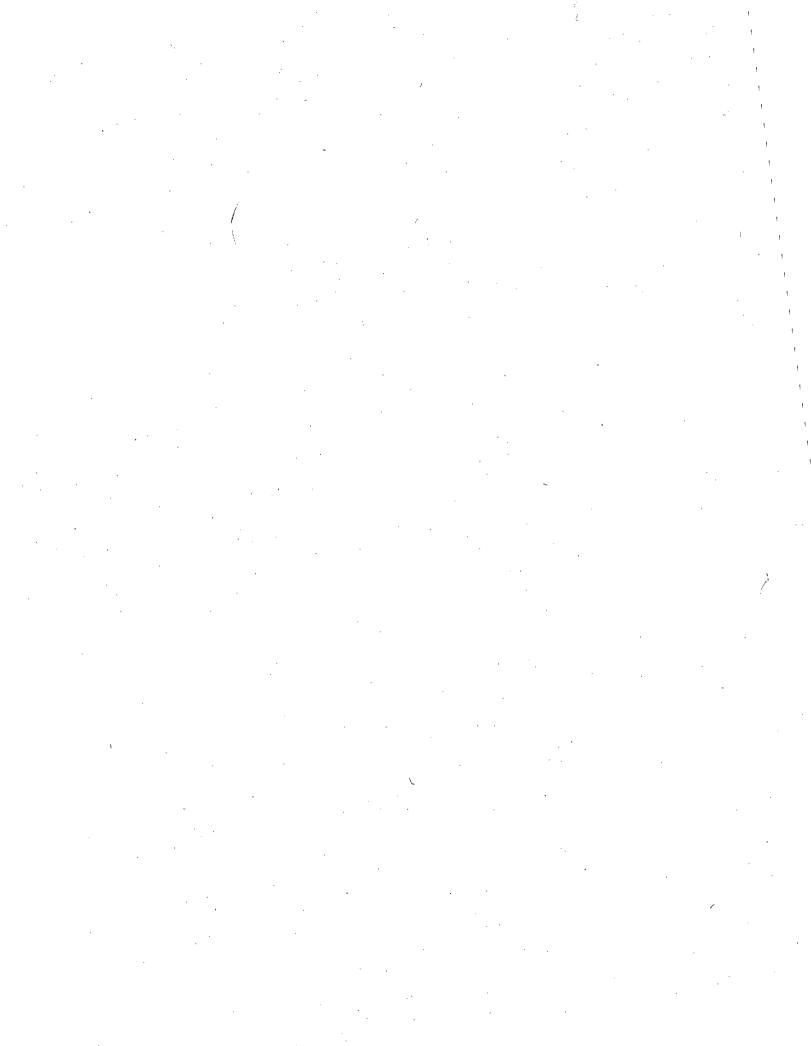


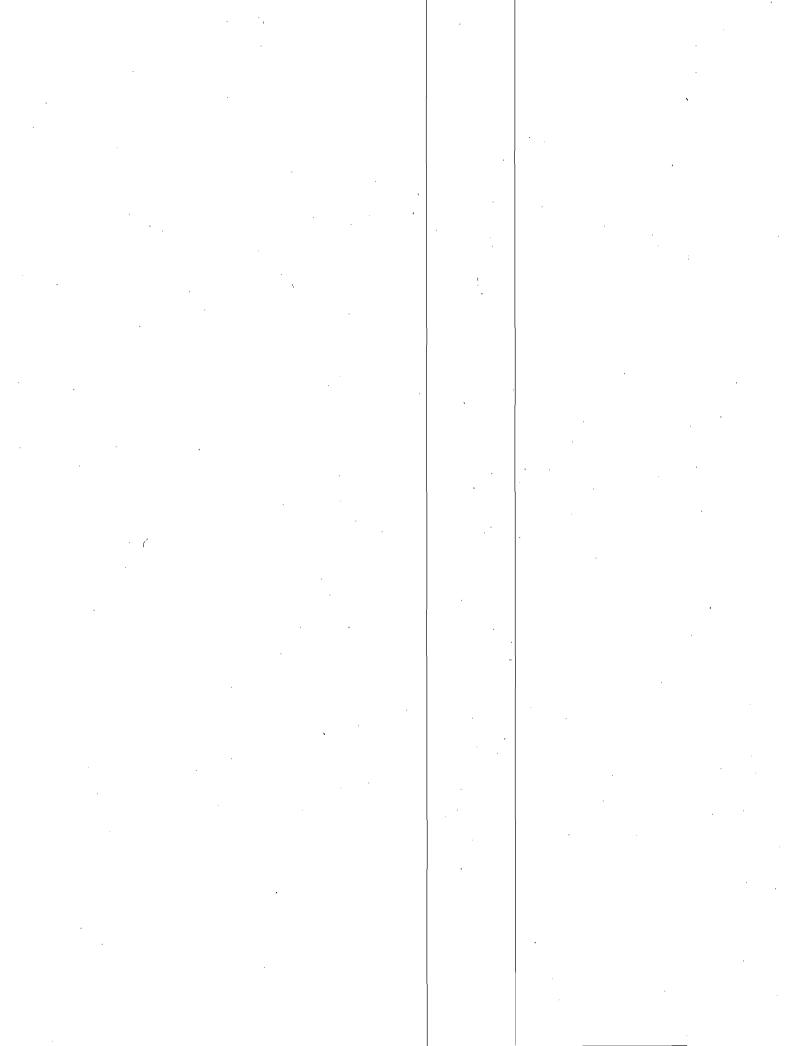
## AMBIENT AIR PCB STUDY

Anniston, Alabama SESD Project Identification Number: 13-0363

June 2013

# Continuation of field record for sample TNAAOG2G Other Notes/Sketch (Include North and Scale) Field Dupliquete Spuple End of Report Sample Team Leader/Sampler Signature/Date







### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

May 15, 2014 ...

Community Advisory Group 1812 Wilmer Avenue Suite B Anniston, AL 36201

Dear Community Advisory Group:

It has been a little over ten years since the first public meeting of the Community Advisory Group (CAG) for the Anniston PCB Site on January 20, 2004. Though members have come and gone, many of you have been an important part of the cleanup effort from the beginning. I want to express my appreciation to past and present members for their service on this group. It is a voluntary position with no reward except for the knowledge that you are serving your community to ensure that its concerns are heard as this Superfund cleanup is conducted. The U.S. Environmental Protection Agency's Administrator, Gina McCarthy, has clearly instructed staff that, "EPA must work each and every day - hand-in-hand with other federal agencies, states, tribes and local communities - to improve the health of American families and protect the environment one community at a time, all across the country." Thank you again for helping the EPA fulfill this important mission objective.

Over the past ten years, thousands of residential properties have been sampled and all but a few dozen of those that needed to be cleaned up have been completed to ensure that the residential population of Anniston is protected, first and foremost, as they go about their daily routines. Many more samples have been collected to determine the nature and extent of contamination and the human health and ecological risks associated with contamination in non-residential areas, waterways, floodplains, groundwater, and air. Though there has been a substantial effort to keep the community updated about all the investigations and actions taking place, most of the interactions between potentially responsible parties (PRPs), the EPA, and the CAG have boiled down to discussing concerns about residential property cleanups, institutional controls (ICs), and PCB concentrations in air. Overlapping issues with the cleanup for the Anniston Lead Site have also arisen. In many instances, the community has not been satisfied with the responses provided by either the PRPs or the EPA. In an effort to further clarify and address these issues, I am offering the following information in hopes that we can resolve those concerns and engage more in topics that are of primary importance to upcoming decisions related to the cleanup work.

¹ Gina McCarthy, "EPA's Themes - Meeting the Challenge Ahead," Internet Accessed May 7, 2014, http://www2.epa.gov/aboutepa/epas-themes-meeting-challenge-ahead#sustainablefuture.

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### RESIDENTIAL INVESTIGATIONS AND CLEANUPS

As I mentioned above, the EPA has overseen the residential investigations and cleanups of both the Anniston PCB Site and the Anniston Lead Site. Though initial sampling began as an investigation centered on PCBs in the environment around the former Monsanto facility and in the downstream floodplains, sampling indicated that Lead was also a contaminant of concern and that both Lead and PCB contamination existed outside the floodplains. As a result, an administrative settlement agreement was reached with eleven other local industrial parties to sample and clean up many properties contaminated with Lead only, as well as a much smaller number of properties contaminated with Lead and PCBs in specified areas around certain industrial operations in Anniston and Oxford. Simultaneously, Solutia continued to clean up properties contaminated with only PCBs.

### NATURE AND EXTENT OF RESIDENTIAL CONTAMINATION

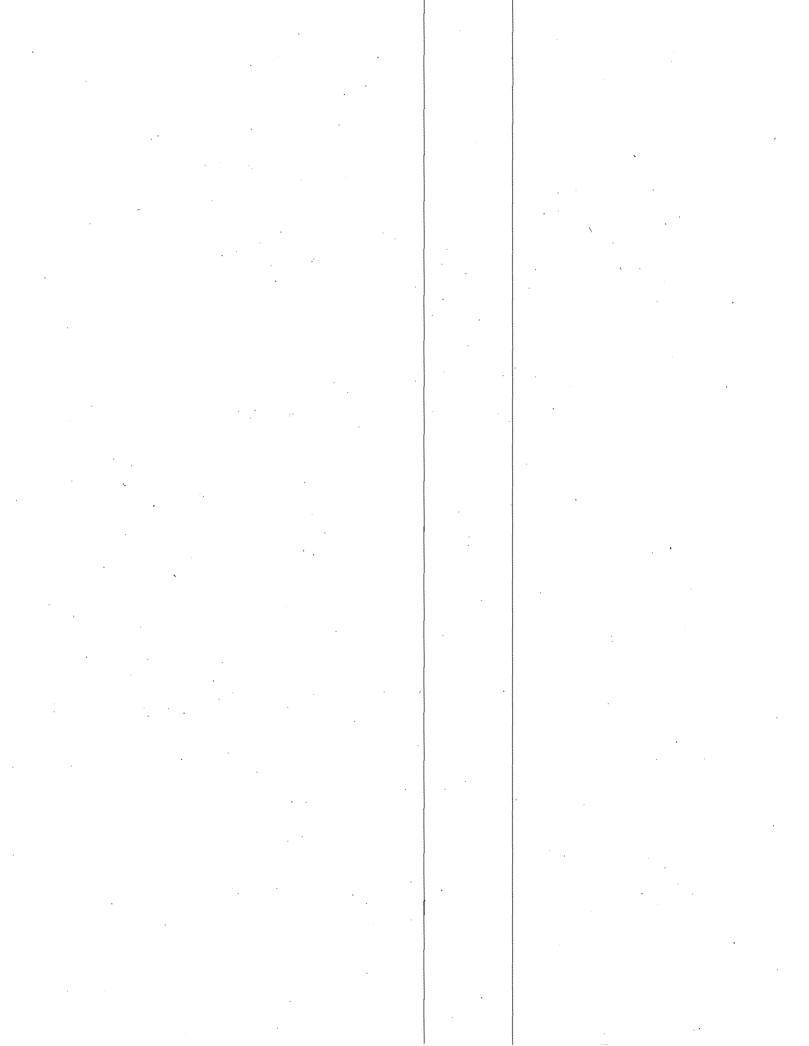
For residential soils, the "nature" of contamination is defined as those Site related contaminants of concern and their respective concentrations. In Anniston, removal assessments were conducted by the EPA that determined that PCBs and Lead were the two main contaminants of concern in residential soils. The sources of this contamination were determined to be the industrial operations in Anniston and Oxford, including the former Monsanto facility and the local foundries.

The "extent" of contamination is defined as the vertical and horizontal distribution of contaminants of concern whose concentrations exceed residential closure levels. The residential closure levels were determined by risk assessments to be 1 milligram per kilogram (mg/kg) for PCBs in soil and 400 mg/kg for Lead in soil. The extent of the contamination was determined by sampling for both Lead and PCBs. The area sampled was determined based on the transport or distribution mechanisms for each contaminant.

Lead was assumed to be distributed to residential properties by two main pathways: air dispersion and the transport of contaminated fill material. Modeling indicated that air transport of Lead would not have extended beyond 500 meters from the point of discharge. For that reason, all residential properties within 500 meters of the PRPs' industrial facilities were required to be sampled. These areas were designated by Zone A and Zone D in the Anniston Lead Administrative Order.² For Lead contaminated fill material, it was assumed that for economic reasons, facilities would only have freely transported fill to locations less than the distance to a land disposal facility or dump. The area where Lead contaminated fill may have been placed on residential properties was designated by Zone B in the Anniston Lead Administrative Order. Sampling in Zone B was conducted at the request of property owners who knew they had fill or were concerned about the presence of fill on their properties. The list of properties to be sampled in Zone B was determined after an extensive community outreach effort was made.

PCBs were assumed to be distributed to residential properties by three main pathways: air dispersion, the transport of contaminated fill material, and surface water transport. Modeling

² USEPA, Administrative Agreement and Order on Consent, Docket No.: CERCLA-04-2005-3777, Effective January 17, 2006.



predicted that PCBs in air might have contributed to contamination in all zones. A review of the distribution of PCB detections in Zone B indicates that there is no reasonable expectation that additional properties in Zone B need to be sampled to determine the nature and extent of contamination in Zone B for the air pathway. For PCB contaminated fill material, it was assumed that for economic reasons, facilities would only have transported PCB contaminated fill to locations less than the distance to a land disposal facility or dump, and that excavated PCB contaminated floodplain soils would not have been transported beyond the area designated by Zone B in the Anniston Administrative Order. The surface water pathway created the most extensive mode of release of PCBs and involved the ditches and downstream drainage ways and their floodplains. Contamination from this pathway spread from the former Monsanto facility and adjacent landfills to both Snow Creek and Choccolocco Creek and the Coosa River bed impounded within Logan Martin Lake (impounded in 1964) and Lay Lake (impounded in 1914). For that reason, all residential properties within the 100-year floodplains of Snow Creek. and Choccolocco Creek were required to be sampled. The area around the former Monsanto facility and adjacent landfills, and the 100-year floodplain along Snow Creek, make up Zone C in the Anniston Lead Administrative Order.

Collectively, over 7,900 properties were sampled for Lead and PCBs at both sites. Approximately 1,400 residential properties were cleaned up for Lead or PCBs or both. Roughly 105 properties still need to be cleaned up. Cleanups on residential properties for Lead and PCBs will continue periodically until all properties have been cleaned up. It is the EPA's position that residential sampling for Lead and PCB contamination in soils is complete. In other words, the nature and extent of Lead and PCB contamination in residential soils has been defined. Thus, the EPA does not intend to conduct any additional residential sampling except for what is required to complete the work at the previously identified residential cleanup locations.

The EPA will develop an informational fact sheet to address community concerns for properties that were either not sampled or where property owners do not agree with the results of previous sampling. The fact sheet will explain the investigation, why the EPA believes its investigation is complete, and the steps community members can take if they believe the identification of contamination has been missed on their properties.

### MANAGEMENT OF RESIDUAL CONTAMINATION

Of the properties where cleanups for Lead were conducted, only five (5) properties were identified where Lead concentrations greater than 400 mg/kg were left in place below two feet of clean fill. On those properties, the responsible parties negotiated deed notices with most of the property owners that described the status of the contamination on the property. A deed notice is a type of IC. ICs can be recorded on the deed and can provide information about the condition of the property or can regulate or limit the use of the land where residual contamination creates a risk to the unrestricted use of the property. ICs are not needed for properties that do not contain actionable levels of contamination or that have been cleaned up to a level that provides for unrestricted use.

³ Reed Montgomery, "April on Alabama's Coosa River Lake's Logan Martin Lake and Lay Lake," Internet Accessed May 9, 2014, http://www.fishingalabama.com/2013/03/april-on-alabamas-coosa-river-lakes-logan-martin-lake-and-lay-lake-by-reed-montgomery/.

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Of the properties where cleanups for PCBs were conducted, approximately 100 properties cleaned up under the Consent Decree and the Anniston Lead Administrative Agreement have PCB concentrations in subsurface soils (soils greater than one foot below the ground surface) greater than 1 mg/kg and less than 10 mg/kg. The PRPs for the Anniston PCB Site are currently preparing a remedial investigation and feasibility study to determine how to best manage the residual PCBs at depth in residential soils.

Additionally, all properties with residential structures located adjacent to areas where cleanup work was required for Lead or PCBs potentially have residual contamination beneath the structures. The EPA and the PRPs will contact local officials in Anniston, Oxford, and Calhoun County at least annually to determine if any structures have been removed on these impacted properties. Sampling of the newly exposed areas and cleanup, if required, will be conducted on these properties. The EPA and the PRPs will encourage local agencies to support this effort to manage these residual materials with internal policies or ordinances, though none are currently known to exist. These types of local administrative and legal controls or requirements are often used as ICs.

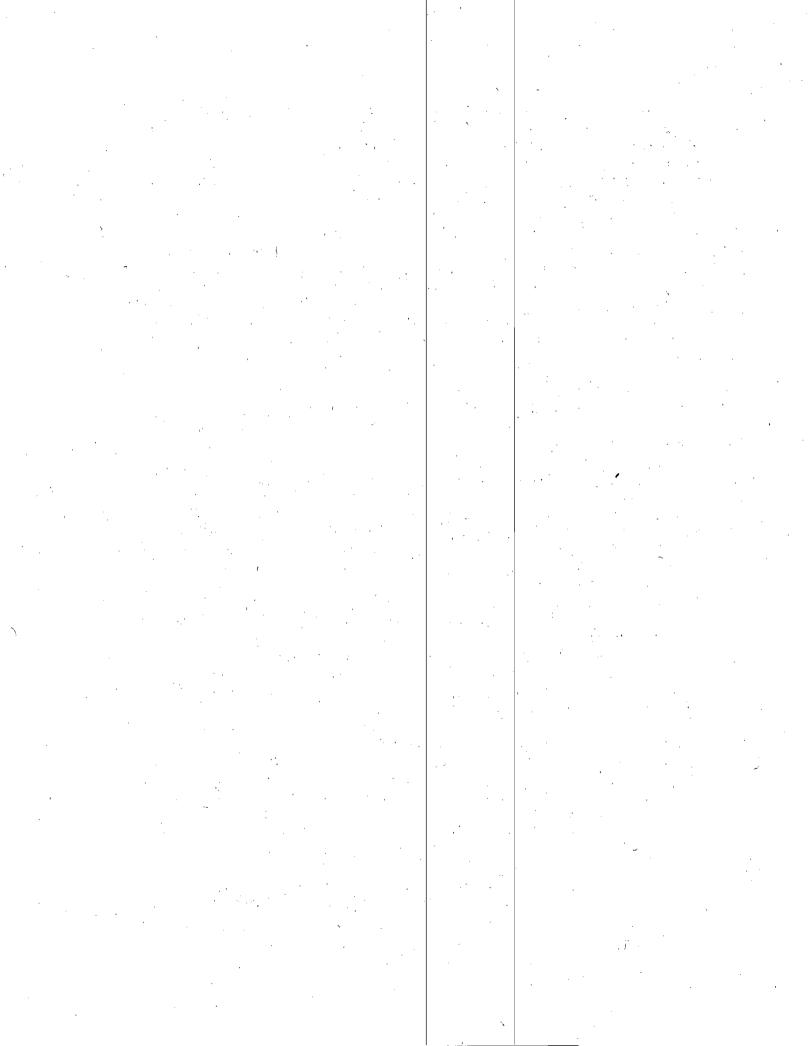
### LONG-TERM COMMUNITY INVOLVEMENT

While the EPA is the lead agency for the Anniston Lead and PCB Sites, state and local governments are often the only entities that have legal authority to implement and enforce certain types of ICs (e.g., environmental covenants, deed notices, and zoning restrictions). Therefore, state and local governments, along with input from community members, generally are important partners for implementing, maintaining, and enforcing certain ICs at Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) sites. The EPA is eager to work with all stakeholders to provide protection from the residual contamination remaining in Anniston, Oxford, and the surrounding impacted areas.

There has been a great deal of discussion at CAG meetings about ICs. Several members of the CAG have stated that a community based organization should be funded at a level that would allow it to hire local workers or local contractors to keep track of residual PCB and Lead contamination on residential properties. The implication is that this group would monitor and report on the unauthorized disturbance of residual contamination remaining below structures or in subsurface soils, and work with property owners who want to properly conduct excavation work in impacted areas to prevent recontamination of surface soils.

While this type of program has been used at the Bunker Hill Site in the Coeur d'Alene Basin in Idaho, the extent of the cleanups at the Anniston Sites do not require that a similar program be set up in Anniston. The most significant difference between the Bunker Hill and Anniston Sites is the number of properties addressed that still contain actionable levels of residual contamination at depth. The Bunker Hill remedy involved the excavation of surface soil at more than 6,400 properties, but left Lead contamination in place below a 12 inch soil cap at concentrations between 350 and 5,000 mg/kg for many of these properties. The Anniston

^{4 &}quot;Cleaning up community areas at the Bunker Hill Superfund Site," Internet Accessed May 8, 2014, http://yosemite.epa.gov/R10/cleanup.nsf/bh/cleaning*up*community*areas*at*the*bunker*hill*superfund*site;



cleanups, however, involved the excavation of contamination from roughly 1,400 residential properties that contained elevated levels of Lead and PCBs, yet only approximately 100 of these properties still contain PCBs greater than 1 mg/kg at depth and only five (5) properties still contain Lead greater than 400 mg/kg at depth. Moreover, greater than 95 percent of the properties initially sampled in some towns at the Bucker Hill Site contained actionable levels of contamination in surface soils. However, only 17 to 18 percent of the properties initially sampled at the Anniston Sites contained contamination that needed to be cleaned up. The roughly 105 properties at the Anniston Sites that still contain residual contamination at depth represent less than 2 percent of the total properties sampled.

Instead of excavating deeper on all properties at the Bunker Hill Site, the CERCLA remedy required the development and implementation of a comprehensive long-term IC program to manage the future disturbance of the soil contamination remaining under the clean soil capped properties. This program was set up and is enforced through existing local rules and regulations and is managed by the Panhandle Health District and other local governmental entities. It is the EPA's opinion that a site-specific need for a Bunker Hill-type IC program does not exist at the Anniston PCB and Anniston Lead Sites. You should also be mindful that there are no federal ICs, thus there is no federal legal authority for creating this type of IC program at the Anniston Sites.

Recently, members of the CAG have started reporting to the EPA any digging activities that take place in the community, regardless of their relationship to the Anniston Sites. It was also suggested at the March CAG meeting that CAG members should be reimbursed for the expenses they incur with traveling to and filming these events. However, keeping track of local excavation work is not a responsibility of the CAG. Rather, CAG participation is a voluntary duty, which the EPA fully appreciates, and it is not intended to cause a financial strain on its members.

I realize that this CAG has been somewhat different from other EPA CAGs from its inception. Typically, the EPA or the PRPs fund and perform all administrative duties and arrangements for CAG meetings and provide information and materials on site-related topics. When this CAG was formed, the community instead insisted that it wanted the CAG to be completely independent from the EPA and the PRPs and requested that the PRPs provide it with a budget to rent an office, purchase supplies, and hire its own administrative staff to manage the CAG members' participation in this process. The PRPs honored this request, though they were not required to do so, nor is this something that the EPA would provide on a fund lead site. CAGs are also not intended to be permanent organizations, though the length of some Superfund cleanups sometimes makes it seem that way. As the CAG has made more demands for funding (e.g., the recent request for \$10,000 to hire an epidemiologist), it seems that the CAG is seeking to expand its duties beyond the agreed upon scope. Please keep in mind that there are limits to the role of a CAG and that the EPA cannot enforce a more active role for the Anniston PCB Site CAG under the terms of the existing Consent Decree.

and "ICP Bunker Hill Superfund Site," Internet Accessed May 8, 2014, http://www.phd1.idaho.gov/institutional/documents/MicrosoftPowerPoint-BLTCOMBO2008.pdf

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#### PCB CONCENTRATIONS IN AIR

The issue of PCB concentrations in air has been a topic of concern for the CAG for many years.

There have been a number of air sampling events associated with the Anniston PCB Site:

- Air samples were collected by the PRPs from 5 stations at the former Monsanto facility from 2000 through 2002.
- The EPA collected air samples from 8 locations in 2000.
- An additional air monitoring study was performed by the PRPs for the Alabama
  Department of Environmental Management (ADEM) from April 2003 to March 2004 and
  reported in the Resource Conservation and Recovery Act (RCRA) Facility Investigation
  Air Monitoring Report.
- Additionally, four samples were collected by the PRPs along Snow Creek at two locations in 2006 for use in the OUI/OU2 risk assessment.
- In October 2012, a total of six samples were collected by EPA at three locations, with six follow up samples collected at the same locations in June 2013.

At each event, PCBs were the only contaminant analyzed. All of the results were considered in the EPA Human Health Risk Assessment for the Anniston PCB Site. According to the EPA's Integrated Risk Information System (IRIS), if a site specific risk assessment is not conducted, the PCB ambient air concentrations associated with the EPA's acceptable carcinogenic risk range are:

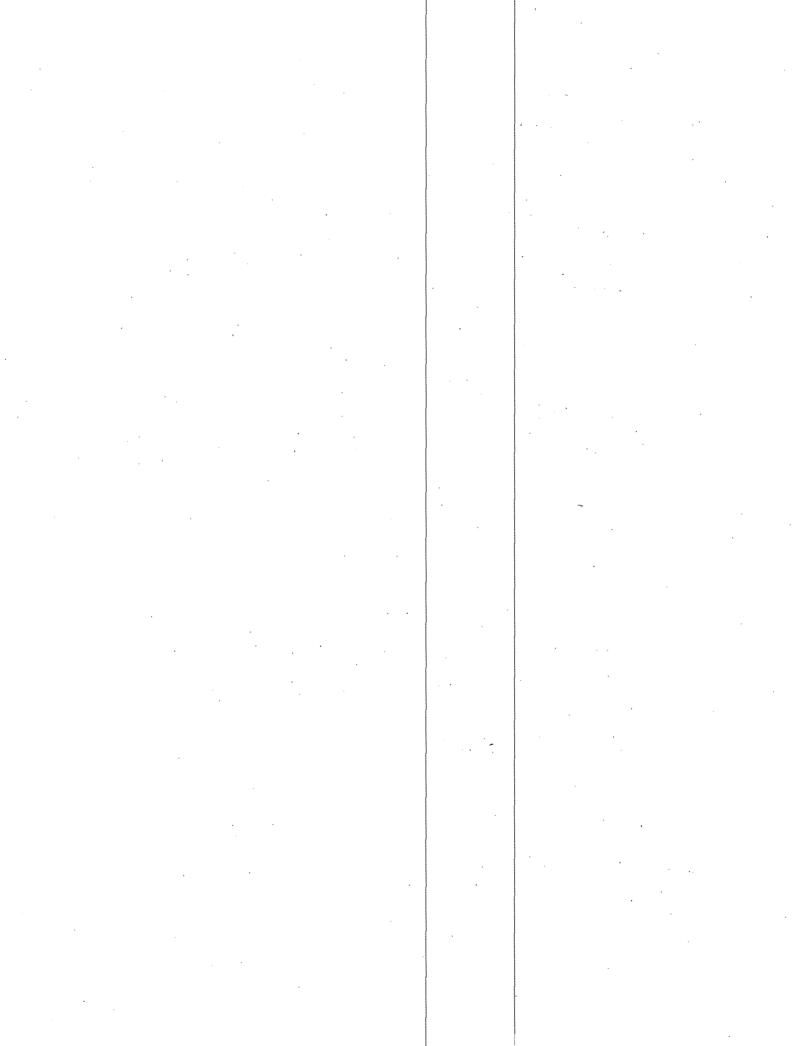
RISK	PCB Concent	PCB Concentration ⁵			
1 in 10,000	1 μg/m ³	(or 1000 ng/ m ³ )			
1 in 100,000	0.1 µg/m3	(or 100 ng/ m ³ )			
1 in 1,000,000	0.01 μg/m3	$(or 10 ng/m^3)$			

Of the 318 individual air samples collected in Anniston, the maximum concentration was detected northwest of the former Monsanto facility in October 2003, with a PCB concentration of 145 ng/ m³. Of the most recent residential air samples collected in October 2012 and June 2013, the maximum concentration was detected west of the former Monsanto facility in October 2012, with a PCB concentration of 26 ng/ m³. Though risk from air is typically calculated using multiple or a range of values, it is clear that even using the maximum values discussed above are within the EPA carcinogenic risk range.

All of the air data collected has been sent to the Agency for Toxic Substances and Disease Registry (ATSDR). The air data collected in 2000 and 2002 was evaluated by the ATSDR in a Health Consultation dated December 13, 2003. The conclusion of the report was as follows:

Community members who reside near the Solutia Inc. facility are likely exposed to PCBs via inhalation. Because of the limited air sampling data in residential areas, the magnitude of these exposures cannot be determined; therefore, community member PCB

⁵ "Polychlorinated biphenyls (PCBs) (CASRN 1336-36-3)," Integrated Risk Information System, Internet Accessed May 7, 2014, http://www.epa.gov/iris/subst/0294.htm.



exposures via inhalation pose an indeterminate health hazard. This conclusion category is used by ATSDR when a professional judgment about the level of health hazard cannot be made because information critical to making such a determination is lacking.⁶

The air data collected in 2012 was evaluated by the ATSDR in a Health Consultation dated September 30, 2013. The conclusion of the report was as follows:

On the basis of the data reviewed and if the sampling on October 23 and October 24, 2012 were representative of typical conditions, ATSDR concludes that concentrations of PCBs in air at the I, I, and F sampling stations were low and are not expected to result in an increased cancer risk or other harmful health effects in people living in the neighborhoods outside the perimeter of the former PCB manufacturing facility.

ATSDR has committed to evaluate the data collected in June 2013 and report directly to the community with its conclusions.

The EPA has tried to provide the air data and an evaluation of the data to the community several times. The EPA's risk assessment based on the year-long air pathway study conducted in 2003 and 2004 determined that the carcinogenic risk to residents adjacent to the facility from inhalation of PCBs in air was 2 x 10.6 (or 2 in 1,000,000). This is at the very low end of the EPA's acceptable risk range and is not considered a significant risk level. Exposure to PCB contaminated soil, sediment, and groundwater are considered to generate a much more significant risk than the air pathway. Additionally, the best way to reduce concentrations of PCBs in air is to reduce concentrations of PCBs in other soil, sediment, and groundwater sources that contain this material. The EPA has not been able to effectively or successfully communicate this information to the community at either CAG meetings or technical advisor meetings. For that reason, the EPA has recommended that the community discuss its public health concerns about PCBs in air with ASTDR.

#### THE EPA AND ATSDR RESPONSIBILITIES AT SUPERFUND SITES

The Superfund Program at the EPA was created to implement CERCLA. CERCLA was a Congressional mandate to remove or clean up abandoned and inactive hazardous waste sites and to provide federal assistance in toxic emergencies. Because PCBs have not been produced in Anniston since 1971, cleanup of the Anniston PCB Site fits well under the Superfund Program, even though the PRPs still conduct operations at the facilities.

ATSDR is the lead Agency within the Public Health Service for implementing the health-related provisions of CERCLA. ATSDR is charged under CERCLA "to assess the presence and nature of health hazards at specific Superfund sites, to help prevent or reduce further exposure and the illnesses that result from such exposures, and to expand the knowledge base about health effects

⁶ Lynn C. Wilder, *Health Consultation - Anniston PCB Air Sampling*, Anniston PCB Site, Anniston; Calhoun County, Alabama, EPA Facility ID: ALD000400123, December 18, 2003, 9.

⁷ Timothy R. Pettifor, Health Consultation, Anniston PCB Air Sampling, Anniston PCB Site, Anniston, Calhoun County, Alabama, EPA Facility ID: ALD000400123, September 30, 2013, 10.

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from exposure to hazardous substances." The EPA works very closely with ATSDR to ensure that its remedies are protective of public health.

#### PATH FORWARD

Each of the issues discussed above is complex and could be detailed more than was summarized in this letter. The EPA does not want to discount the importance of any of your concerns but also wants to find ways for us to keep moving forward on the important cleanup decisions ahead of us. For my part, I will produce informational devices to inform community members about the completion of the nature and extent evaluations and provide information and options for those who still have concerns about their property. At a recent meeting with members of the CAG, a recommendation was made that the EPA provide a website where community members can access a map showing where properties have been sampled and cleaned up for either Lead or PCBs. I will commit to work with my management and local representatives to determine if that type of tool can be developed and made available. I will also commit to require that residual contamination be tracked to prevent recontamination. However, the EPA does not see the site-specific need and does not have the federal legal authority to create the type of IC program the CAG discussed. I will also continue to send updated Site information to ATSDR, and I will invite ATSDR to communicate directly with you regarding your questions concerning PCBs in air.

Because there are two very important and complex decisions ahead of us, the Operable Unit (OU)-1/OU-2 Record of Decision and the OU4 Record of Decision, I would like to propose that we reduce the time spent on individual party updates in CAG meetings, and instead have a specific technical presentation at each meeting that will lead up to the Proposed Plans and public comment periods for these decisions. I propose the schedule below as a starting point; it will likely change depending on progress. The EPA will still be prepared to answer any questions from the CAG during the meetings and from the public during the designated comment sessions. I just want to ensure that the public is informed about these issues so that there are no surprises when the decisions on these topics are made.

CAG Meeting Date	Topic	
June (Full day)	Catchup for New Members - Background Information	
July 21, 2014	Fish Data, Trends, Studies and What They Mean	
September 15, 2014	Remedial Investigation OU1/OU2	
November 17, 2014	Feasibility Study OU1/OU2	
January 26, 2014	Proposed Plan for OU1/OU2	
March 16, 2014	Baseline Ecological Risk Assessment OU4	
May 18, 2015	Status Remedial Action OU3	
July 20, 2015	Conservation Corridor and Its Impact OU4	
September 14, 2015	Record of Decision OU1/OU2 / CD Negotiations Input	
November 2015	Status Remedial Action OU3	
January 2016	Coosa River and Impoundments – How do they fit in?	

⁸ "ATSDR Background and Congressional Mandates," Internet Accessed May 7, 2014, http://www.atsdr.cdc.gov/about/congress.html.

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March 2016	Remedial Investigation OU4
May 2016	Feasibility Study OU4
July 2016	Proposed Plan OU4
September 2016	Record of Decision OU4 / CD Negotiations Input

Going forward, I would like to recommit to you to do whatever can be done to resolve your concerns. I know that it is your community and you deserve to have a say in what happens there. I want to give you that opportunity, and I want to do everything I can to help you understand how the EPA arrives at its decisions.

I look forward to working with you and completing this project together.

Sincerely,

Pamela J. Langston Scully, P.E.

Remedial Project Manager

Superfund Remedial Branch

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## Pearce, Jennifer

From:

Scully, Pam

Sent:

Friday, November 07, 2014 11:02 AM

To:

Pearce, Jennifer

Subject: Attachments: FW: CAG September Meeting Agenda CAG Agenda September 2014.doc

From: Community Advisory Group [mailto:cag_cd@annistoncag.org]

Sent: Thursday, August 28, 2014 9:53 AM

To: CAG CD

Subject: CAG September Meeting Agenda

## Good Morning,

## Our September meeting agenda is attached.

## Thanks

## Cynthia Calix

Administrator

Community Advisory Group For The Consent Decree

1812 Wilmer Avenue

Suite B

Anniston, AL 36201

Voice: 256*741*1429

FAX: 256*741*3224

Website: www.annistoncag.org

Community Advisory Group (CAG) is an advisory group of citizens who exists to serve as a place for the

٠, . exchange of information and input from the community in the affected area and advise those individuals and organizations charged with carrying out the actions described in the Consent Decree in an effective and well-managed manner.

This electronic mail message is intended exclusively for the individual or entity to which it is addressed. This message, together with any attachment, may contain Community Advisory Group For The Consent Decree privileged information. The recipient is hereby put on notice to treat the information as confidential and privileged and to not disclose or use the information except as authorized by Community Advisory Group. Any unauthorized review, printing, forwarding, retention, copying, disclosure, distribution, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited. If you received this message in error, please immediately contact the sender by reply email and delete all copies of the material from any computer. Thank you for your cooperation.

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# Community Advisory Group for the Consent Decree

David Baker CAG-CD Chairman

Walter Frazier CAG-CD Vice Chairman

Maudine Holloway CAG-CD Secretary

Kay Beard CAG-CD Treasurer

Dr. Barbara Boyd

Chester Carr Sr.

**Shirley Carter** 

**Henry Dorough** 

Ralph Driskell

Elaine Emory

Dr.C.K. Huguley

Mary Johnson

Robert A. Pyles

**David Reddick** 

**David Sumrall** 

Isabella Trussell

IN MEMORIAM Andrew Bowie West Anniston Resident Dr. N. Q. Reynolds James Hall

## AGENDA

September 15, 2014 Carver Community Center 720 West 14th Street Anniston, Alabama 5:30 P.M.

- 1. Call to Order
- 2. Invocation
- 3. Approval of Today's Agenda and Minutes from July Meeting
- 4. Financial Report
- 5. 🖋 Updates
  - Institutional Controls Committee
  - EPA
- Solutia
- Technical Advisor
- CAG Chairperson
- 6. Community Comments and Questions

Next Meeting: November 17, 2014

Carver Community Center, Anniston, AL

Adjourn

1812 Wilmer Ave., Suite B~ Anniston, Alabama 36201

Tel: (256) 741-1429 Website: www.annistoncag.org